



# Fiber Optic Components

Product Catalog 2023



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# Helpful Links

## Training Videos



## Website Links



**Better Connected**



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# E-2000 Components

## Features

### **Security**

100% production monitoring

### **Stability**

Certification of your processes

### **Service**

Exchange of expertise



090.7265

## Features

- The connector housing fully protects the ferrule against dust, dirt and scratches
- Spring-loaded metal shutter
- No different expansion coefficients thanks to full ceramic ferrule
- Color- and mechanical coding system
- Injection-molded PBT housing, UL-listed
- Same ferrule holder as for SC






030.7361

Ordering Information	Description	PU	Part Number
 <p>030.5991</p>	<p><b>Connector E-2000™ APC</b>  <b>Scope of supply</b>                      – Connector housing with silver metal shutter                      – Ferrule holder including ferrule</p> <p><b>SM, green, 125.2 (+0.5/-0) μm, C0.5 μm</b>  <b>SM, red, 125.2 (+0.5/-0) μm, C0.5 μm</b>  <b>SM, green, 126.0 (+1/-0) μm, C1.0 μm</b></p>	<p>100 100 100</p>	<p>R847353 R847355 R847354</p>
 <p>030.6092</p>	<p><b>Connector E-2000™ PC</b>  <b>Scope of supply</b>                      – Connector housing with silver metal shutter                      – Ferrule holder including ferrule</p> <p><b>SM, blue, 125.2 (+0.5/-0) μm, C0.5 μm</b>  <b>SM, blue 126.0 (+1/0) 1.0 μm</b>  <b>MM, beige 126.0 (+1/0) 1.0 μm</b>  <b>MM, black 126.0 (+1/0) 1.0 μm</b>  <b>MM, beige, 127.0 (+4/-0) μm</b>  <b>MM, black, 127.0 (+4/-0) μm</b></p>	<p>100 100 100 100 100 100</p>	<p>R847356 R847357 R847358 R847360 R847359 R847361</p>
 <p>030.5991</p>	<p><b>Connector Housing E-2000™ APC</b>                      Connector housing green with silver metal shutter</p>	<p>100</p>	<p>R873334</p>
 <p>030.6092</p>	<p><b>Connector Housing E-2000™ PC</b>                      Connector housing blue with silver metal shutter</p>	<p>100</p>	<p>R873335</p>





# Connector E-2000™




## Supporting tool

Ordering Information	Description	PU	Part Number
 <p>090.2960</p>	<p><b>Service Adapter E-2000™</b></p> <p>Simplifies the cleaning of the E-2000™ connector. Plugging the adapter in automatically opens the laser dust cover, releasing the ferrule.</p>	5	R316625
 <p>030.7877</p>	<p><b>Tuning Support Tool</b></p> <p><b>for Patch Cords</b></p> <p><b>for Pigtails</b></p>	10 10	R817083 R817084
 <p>030.8039</p>	<p><b>E-2000 Measurement housing</b></p>	10	R817082

# Connector E-2000™

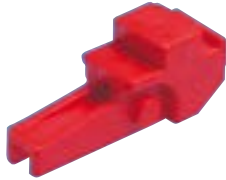

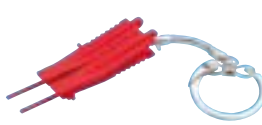


## Accessories

Ordering Information	Description	PU	Part Number
 <p>030.6075</p>	<p><b>Lever E-2000™ Connector, color coded</b> Color coding for E-2000™ connector.</p> <p><b>green</b> <b>blue</b> <b>yellow</b> <b>magenta</b> <b>turquoise</b> <b>black</b></p> <p><b>green</b> <b>blue</b> <b>yellow</b> <b>turquoise</b> <b>black</b> <b>orange</b> <b>red</b> <b>brown</b> <b>violet</b> <b>white</b></p>	<p>100 100 100 100 100 100</p> <p>12 12 12 12 12 12 12 12 12 12</p>	<p>R307018 R307017 R840233 R840234 R840235 R309210</p> <p>R304406 R304404 R304432 R308034 R304409 R304407 R304408 R304405 R308035 R304403</p>
 <p>010.2315</p>	<p><b>Lever E-2000™ Connector, mechanically coded</b> Color coding for E-2000™ connector. Lever mechanically coded.</p> <p><b>code 1, red</b> <b>code 2, brown</b> <b>code 3, yellow</b> <b>code 4, orange</b> <b>code 5, violet</b> <b>code 6, white</b></p>	<p>12 12 12 12 12 12</p>	<p>R306648 R306651 R306650 R306649 R306647 R306646</p>

Ordering Information	Description	PU	Part Number
 <p>010.2194</p>	<p><b>Lever E-2000™ Compact Connector, color coded</b>            Color coding for E-2000™-Compact connector.</p> <p><b>green</b>  <b>blue</b>  <b>magenta</b>  <b>turquoise</b>  <b>orange</b>  <b>red</b>  <b>white</b>  <b>black</b></p>	<p>12 12 12 12 12 12 12 12</p>	<p>R305514 R305513 R809767 R309004 R305515 R314752 R305518 R305517</p>
 <p>090.6689</p>	<p><b>Lever E-2000™ Compact Connector, mechanically coded</b>            Color coding for E-2000™ Compact connector. Lever mechanically coded.</p> <p><b>code 1, red</b>  <b>code 2, brown</b>  <b>code 3, yellow</b>  <b>code 4, orange</b>  <b>code 5, violet</b>  <b>code 6, white</b></p>	<p>12 12 12 12 12 12</p>	<p>R807346 R807347 R807348 R807349 R807350 R807351</p>
 <p>090.6688</p>	<p><b>Duplex Clip, connector E-2000™</b>            This clip makes duplex applications possible.            Color: black.</p>	<p>12</p>	<p>R305542</p>

# Connector E-2000™

## Accessories


Ordering Information	Description	PU	Part Number
 <p data-bbox="470 533 542 560">090.2392</p>	<p data-bbox="582 336 1109 369"><b>Patch Guard E-2000™ / E-2000™-Compact Connector</b></p> <p data-bbox="582 376 1165 409">Patch Guard for E-2000™ and E-2000™-Compact connectors.</p>	12	R314389
 <p data-bbox="470 716 542 743">090.2393</p>	<p data-bbox="582 616 1029 649"><b>Key Patch Guard E-2000™-Simplex Connector</b></p> <p data-bbox="582 656 1085 689">Key to Patch Guard for E-2000™-Simplex connectors.</p>	1	R314390
 <p data-bbox="470 929 542 956">090.2394</p>	<p data-bbox="582 806 1029 840"><b>Key Patch Guard E-2000™-Compact Connector</b></p> <p data-bbox="582 846 1085 880">Key to Patch Guard for E-2000™-Compact connectors.</p>	1	R314391
 <p data-bbox="470 1232 542 1258">090.3117</p>	<p data-bbox="582 1030 718 1064"><b>90° Boot R30</b></p> <p data-bbox="582 1070 1173 1227">With the subsequent mountable 90° boot existing or new networks can be updated. The 90° boot guaranties an optimized fiber guidance (R&gt;30 mm), even by load caused by the cable. An uncontrolled fiber bending and resulting attenuation or even broken fiber can be avoided in no time.</p> <p data-bbox="582 1243 1117 1276"> For connectors IP20: all types E-2000™, LC and SC.</p>	12	R505756







# Connector E-2000™

## Pigtail Boot & Crimp Set

Ordering Information	Description	PU	Part Number
 <p>030.6720</p>	<b>Boot LSH / SC / LC Pigtail</b> Colored connector boot, 15 mm length. For tubes from Ø 0.6 - 1.2 mm. Material boot: TPE, self extinguishing, free of halogen.		
	<b>green</b>	100	R861302
	<b>blue</b>	100	R861304
	<b>red</b>	100	R862107
	<b>black</b>	100	R861303
	<b>orange</b>	100	R861307
	<b>gray</b>	100	R861308
	<b>turquoise</b>	100	R862106
	<b>pink</b>	100	R862109
	<b>brown</b>	100	R861310
	<b>violet</b>	100	R861309
	<b>white</b>	100	R861306
	<b>beige</b>	100	R861305
	<b>yellow</b>	100	R862108

 <p>090.7151</p>	<b>Crimp Set all Types E-2000™ / LC / SC, 1.7 mm cable</b> Crimp sleeve and colored connector boot. For cables from Ø 1.4 - 1.7 mm. Material sleeve: aluminum. Material boot: TPE, self extinguishing, free of halogen.		
	<b>green</b>	100	R812801
	<b>blue</b>	100	R812802
	<b>red</b>	100	R812804
	<b>black</b>	100	R812803

 <p>090.7151</p>	<b>Crimp Set all Types E-2000™ / LC / SC, 1.9 mm cable</b> Crimp sleeve and colored connector boot. For cables from Ø 1.7 - 1.9 mm. Material sleeve: aluminum. Material boot: TPE, self extinguishing, free of halogen.		
	<b>green</b>	100	R878855
	<b>blue</b>	100	R878856
	<b>red</b>	100	R878858
	<b>black</b>	100	R878857
	<b>turquoise</b>	100	R878859
	<b>violet</b>	100	R878860
	<b>white</b>	100	R878854

# Connector E-2000™

## Pigtail Boot & Crimp Set

Ordering Information	Description	PU	Part Number
 <p>090.7151</p>	<b>Crimp Set all Types E-2000™ / LC / SC, 2.2 mm cable</b> Crimp sleeve and colored connector boot. For cables from Ø 1.8 - 2.2 mm. Material sleeve: aluminum. Material boot: TPE, self extinguishing, free of halogen.		
	green	100	R812805
	blue	100	R812806
	red	100	R812808
	black	100	R812807
	turquoise	100	R821290
	gray	100	R821291
	pink	100	R821292
	brown	100	R821293
	violet	100	R821294
	white	100	R509098
	orange	100	R816291
	yellow	100	R816292
	beige	100	R847819
 <p>090.7151</p>	<b>Crimp Set all Types E-2000™ / LC / SC, 2.6 mm cable</b> Crimp sleeve and colored connector boot. For cables from Ø 2.3 - 2.6 mm. Material sleeve: aluminum. Material boot: TPE, self extinguishing, free of halogen.		
	green	100	R812809
	blue	100	R812810
	red	100	R813159
	black	100	R813158
 <p>090.7151</p>	<b>Crimp Set all Types E-2000™ / LC / SC, 3.0 mm cable</b> Crimp sleeve and colored connector boot. For cables from Ø 2.7 - 3.0 mm. Material sleeve: aluminum. Material boot: TPE, self extinguishing, free of halogen.		
	green	100	R813160
	blue	100	R813161
	red	100	R813163
	black	100	R813162

# Adapter E-2000™ Simplex



## Features

- Injection-molded PBT housing, UL-listed
- Integral self-closing metal laser protection flaps
- Long guiding section of connector body
- Split ceramic sleeve
- 1000 mating cycles
- Semi-transparent plastic dust cover, allowing optical testing with test lasers without removing the cover

 Ceramic = zirconia ceramic alignment sleeve





090.7450

Ordering Information	Description	PU	Part Number
 <p>030.5951</p>	<p><b>Adapter E-2000™ (screwable)</b></p> <p>Adapter E-2000™ with semi-transparent dust caps. Quick mounting clip and M2 thread integrated.</p> <p><b>Scope of supply</b></p> <ul style="list-style-type: none"> <li>- Adapter E-2000™</li> <li>- 2 Philips head screws M2 x 4, blue galvanized</li> </ul>		
	APC, green, ceramic SM, B	12	R846838
	APC/PC, red, ceramic SM, B	12	R840222
	PC, blue, ceramic SM, B	12	R846841
	APC, green, ceramic, SM, C	12	R846577
	PC, blue, ceramic, SM, C	12	R846580
	PC, heather violet, ceramic MM, M	12	R847352
	PC, turquoise, ceramic MM, M	12	R847351
	PC, beige, ceramic MM, M	12	R847080
	PC, black, ceramic MM, M	12	R847081
 <p>030.5952</p>	<p><b>Adapter E-2000™ (flangeless)</b></p> <p>Adapter E-2000™ flangeless with semi-transparent dust caps. Quick mounting clip integrated. Optimal front plate thickness: 1.3 mm / 1.7 mm</p> <p><b>Scope of supply</b></p> <ul style="list-style-type: none"> <li>- Adapter E-2000™</li> </ul>		
	APC, green, ceramic SM, B	12	R846341
	APC/PC, red, ceramic SM, B	12	R863569
	PC, blue, ceramic SM, B	12	R846342
	APC, green, ceramic, SM, C	12	R846339
	PC, blue, ceramic, SM, C	12	R846340
	PC, heather violet, ceramic MM, M	12	R846576
	PC, turquoise, ceramic MM, M	12	R846345
	PC, beige, ceramic MM, M	12	R846343
	PC, black, ceramic MM, M	12	R846344

# Adapter E-2000™ Simplex

## Accessories

Ordering Information	Description	PU	Part Number
 <p data-bbox="469 535 539 555">090.7512</p>	<p data-bbox="587 338 938 365"><b>Frame E-2000™ Adapter, color coded</b></p> <p data-bbox="587 376 1185 403">Color coding for E-2000™ adapter. Frame not mechanically coded.</p> <p data-bbox="587 425 643 450">green</p> <p data-bbox="587 456 632 481">blue</p> <p data-bbox="587 488 643 512">beige</p> <p data-bbox="587 519 671 544">magenta</p> <p data-bbox="587 551 679 575">turquoise</p> <p data-bbox="587 582 655 607">orange</p> <p data-bbox="587 613 620 638">red</p> <p data-bbox="587 645 651 669">brown</p> <p data-bbox="587 676 651 701">yellow</p> <p data-bbox="587 707 643 732">violet</p> <p data-bbox="587 739 643 763">white</p> <p data-bbox="587 770 639 795">black</p>	<p data-bbox="1129 421 1150 445">1</p> <p data-bbox="1129 452 1150 477">1</p> <p data-bbox="1129 483 1150 508">1</p> <p data-bbox="1129 515 1150 539">1</p> <p data-bbox="1129 546 1150 571">1</p> <p data-bbox="1129 577 1150 602">1</p> <p data-bbox="1129 609 1150 633">1</p> <p data-bbox="1129 640 1150 665">1</p> <p data-bbox="1129 672 1150 696">1</p> <p data-bbox="1129 703 1150 728">1</p> <p data-bbox="1129 734 1150 759">1</p> <p data-bbox="1129 766 1150 790">1</p> <p data-bbox="1129 797 1150 822">1</p>	<p data-bbox="1257 421 1342 445">R823208</p> <p data-bbox="1257 452 1342 477">R823209</p> <p data-bbox="1257 483 1342 508">R823210</p> <p data-bbox="1257 515 1342 539">R823211</p> <p data-bbox="1257 546 1342 571">R823212</p> <p data-bbox="1257 577 1342 602">R823213</p> <p data-bbox="1257 609 1342 633">R823214</p> <p data-bbox="1257 640 1342 665">R823215</p> <p data-bbox="1257 672 1342 696">R823216</p> <p data-bbox="1257 703 1342 728">R823217</p> <p data-bbox="1257 734 1342 759">R823218</p> <p data-bbox="1257 766 1342 790">R823219</p>
 <p data-bbox="469 1072 539 1093">090.7511</p>	<p data-bbox="587 864 1010 891"><b>Frame E-2000™ Adapter, mechanically coded</b></p> <p data-bbox="587 902 1153 929">Color coding for E-2000™ adapter. Frame mechanically coded.</p> <p data-bbox="587 952 695 976">code 1, red</p> <p data-bbox="587 983 724 1008">code 2, brown</p> <p data-bbox="587 1014 724 1039">code 3, yellow</p> <p data-bbox="587 1046 729 1070">code 4, orange</p> <p data-bbox="587 1077 716 1102">code 5, violet</p> <p data-bbox="587 1108 716 1133">code 6, white</p>	<p data-bbox="1129 952 1150 976">12</p> <p data-bbox="1129 983 1150 1008">12</p> <p data-bbox="1129 1014 1150 1039">12</p> <p data-bbox="1129 1046 1150 1070">12</p> <p data-bbox="1129 1077 1150 1102">12</p> <p data-bbox="1129 1108 1150 1133">12</p>	<p data-bbox="1257 952 1342 976">R823220</p> <p data-bbox="1257 983 1342 1008">R823221</p> <p data-bbox="1257 1014 1342 1039">R823222</p> <p data-bbox="1257 1046 1342 1070">R823223</p> <p data-bbox="1257 1077 1342 1102">R823224</p> <p data-bbox="1257 1108 1342 1133">R823225</p>

# Adapter E-2000™ Compact


## Features


- Metal housing
- Integral self-closing metal laser protection flaps
- Long guiding section of connector body
- Split ceramic sleeve
- 1000 mating cycles (zirconia ceramic alignment sleeve)
- Semi-transparent plastic dust cover, allowing optical testing with test lasers without removing the cover
- UL-listed

 Ceramic = zirconia ceramic alignment sleeve




090.7450

Ordering Information	Description	PU	Part Number
 <p>090.7450</p>	<b>Adapter E-2000™-Compact (screwable)</b> Adapter E-2000™-Compact with semi-transparent dust caps. Quick mounting clip and M2 thread integrated.		
	<b>Scope of supply</b> – Adapter E-2000™-Compact – 2 Philips head screws M2 x 4, blue galvanized		
	APC, green, ceramic SM, B	12	R823261
	PC, blue, ceramic SM, B	12	R823262
	APC, green, ceramic, SM, C	12	R823898
	PC, blue, ceramic, SM, C	12	R823899
	PC, heather violet, ceramic SM, M	12	R823862
	PC, turquoise, ceramic SM, M	12	R823861
	PC, beige, ceramic MM, M	12	R823263
PC, black, ceramic MM, M	12	R823264	

 <p>090.7452</p>	<b>Adapter E-2000™-Compact (flangeless)</b> Adapter E-2000™-Compact flangeless with semi-transparent dust caps. Quick mounting clip integrated. Optimal front plate thickness: 1.3 mm / 1.7 mm		
	<b>Scope of supply</b> – Adapter E-2000™-Compact		
	APC, green, ceramic SM, B	12	R823257
	PC, blue, ceramic SM, B	12	R823258
	APC, green, ceramic, SM, C	12	R823896
	PC, blue, ceramic, SM, C	12	R823897
	PC, heather violet, ceramic SM, M	12	R823868
	PC, turquoise, ceramic SM, M	12	R823867
	PC, beige, ceramic MM, M	12	R823259
PC, black, ceramic MM, M	12	R823260	





# Adapter E-2000™ Compact

Ordering Information	Description	PU	Part Number
 <p data-bbox="469 568 542 586">090.7526</p>	<p data-bbox="587 331 986 362"><b>Adapter E-2000™-Compact (one channel)</b></p> <p data-bbox="587 371 1152 430">Adapter E-2000™-Compact flangeless with semi-transparent dust caps. Quick mounting clip integrated.</p> <p data-bbox="587 439 746 470"><b>Scope of supply</b></p> <ul data-bbox="587 474 865 526" style="list-style-type: none"> <li>- Adapter E-2000™-Compact</li> <li>- Support plate</li> </ul>		
	<p data-bbox="587 542 842 571"><b>APC, green, ceramic SM, B</b></p>	12	R823265
	<p data-bbox="587 573 817 602"><b>PC, blue, ceramic SM, B</b></p>	12	R823266
	<p data-bbox="587 604 849 633"><b>PC, beige, ceramic, MM, M</b></p>	12	R823267
	<p data-bbox="587 636 849 665"><b>PC, black, ceramic, MM, M</b></p>	12	R823268

# Adapter E-2000™ Compact

## Accessories

Ordering Information	Description	PU	Part Number
 <p>090.7578</p>	<p><b>Color Clip E-2000™-Compact Adapter, color coded</b></p> <p>Color clip for E-2000™-Compact adapter. Clip not mechanically coded.</p> <p><b>green</b></p> <p><b>blue</b></p> <p><b>magenta</b></p> <p><b>turquoise</b></p> <p><b>orange</b></p> <p><b>red</b></p> <p><b>white</b></p> <p><b>black</b></p>	<p>12</p> <p>12</p> <p>12</p> <p>12</p> <p>12</p> <p>12</p> <p>12</p> <p>12</p> <p>12</p>	<p>R823226</p> <p>R823227</p> <p>R823228</p> <p>R823229</p> <p>R823230</p> <p>R823232</p> <p>R823233</p> <p>R823234</p>
 <p>090.7579</p>	<p><b>Color Clip E-2000™-Compact Adapter, mechanically coded</b></p> <p>Color clip for E-2000™-Compact adapter. Clip with mechanical coding.</p> <p><b>code 1, red</b></p> <p><b>code 2, brown</b></p> <p><b>code 3, yellow</b></p> <p><b>code 4, orange</b></p> <p><b>code 5, violet</b></p> <p><b>code 6, white</b></p>	<p>12</p> <p>12</p> <p>12</p> <p>12</p> <p>12</p> <p>12</p>	<p>R823235</p> <p>R823236</p> <p>R823237</p> <p>R823238</p> <p>R823239</p> <p>R823240</p>



# LC Components

## Features

### **Reliable**

Wiggle-test approved

### **Security**

Laser protection included

### **Production**

100% controlled production





090.7483



# Connector LC Standard

## Features

- Connector tunable in 30° steps
- Injection-molded PBT housing, UL-listed
- Locking type latched push-pull
- Ferrule rotation locked when assembled
- Ferrule with end-face of  $\varnothing 0.6$  mm and 35° dome angle



090.6521

Ordering Information	Description	PU	Part Number
 <p>090.6521</p>	<b>Connector LC APC (pigtail)</b> <b>Scope of supply</b> <ul style="list-style-type: none"> <li>- Connector housing</li> <li>- Ferrule holder for pigtail incl. ferrule</li> <li>- White plastic dust cover</li> <li>- Two spacer sleeve per 100 connectors</li> </ul>		
	<b>APC, SM, green, 125.2 (+0.5/-0) <math>\mu\text{m}</math>, C0.5 <math>\mu\text{m}</math></b> <b>APC, SM, green, 126.0 (+1/-0) <math>\mu\text{m}</math>, C1.0 <math>\mu\text{m}</math></b>	100 100	R851081 R851077
 <p>090.6523</p>	<b>Connector LC PC (pigtail)</b> <b>Scope of supply</b> <ul style="list-style-type: none"> <li>- Connector housing</li> <li>- Ferrule holder for pigtail incl. ferrule</li> <li>- White plastic dust cover</li> <li>- Two spacer sleeve per 100 connectors</li> </ul>		
	<b>PC, SM, blue, 125.2 (+0.5/-0) <math>\mu\text{m}</math>, C0.5 <math>\mu\text{m}</math></b> <b>PC, SM, blue, 126.0 (+1/-0) <math>\mu\text{m}</math>, C1.0 <math>\mu\text{m}</math></b> <b>PC, MM, beige, 126.0 (+1/-0) <math>\mu\text{m}</math>, C1.0 <math>\mu\text{m}</math></b> <b>PC, MM, beige, 127.0 (+2/-0) <math>\mu\text{m}</math></b>	100 100 100 100	R851079 R851075 R851073 R851071
	<b>Connector LC APC (patch cable)</b> <b>Scope of supply</b> <ul style="list-style-type: none"> <li>- Connector housing</li> <li>- Ferrule holder for patch cable incl. ferrule</li> <li>- White plastic dust cover</li> <li>- Two spacer sleeve per 100 connectors</li> </ul>		
	<b>APC, SM, green, 125.2 (+0.5/-0) <math>\mu\text{m}</math>, C0.5 <math>\mu\text{m}</math></b> <b>APC, SM, green, 126.0 (+1/-0) <math>\mu\text{m}</math>, C1.0 <math>\mu\text{m}</math></b>	100 100	R851080 R851076
 <p>090.6525</p>	<b>Connector LC PC (patch cable)</b> <b>Scope of supply</b> <ul style="list-style-type: none"> <li>- Connector housing</li> <li>- Ferrule holder for patch cable incl. ferrule</li> <li>- White plastic dust cover</li> <li>- Two spacer sleeve per 100 connectors</li> </ul>		
	<b>PC, SM, blue, 125.2 (+0.5/-0) <math>\mu\text{m}</math>, C0.5 <math>\mu\text{m}</math></b> <b>PC, SM, blue, 126.0 (+1/-0) <math>\mu\text{m}</math>, C1.0 <math>\mu\text{m}</math></b> <b>MM, beige, 126.0 (+1/-0) <math>\mu\text{m}</math>, C1.0 <math>\mu\text{m}</math></b> <b>MM, beige, 127.0 (+2/-0) <math>\mu\text{m}</math></b>	100 100 100 100	R851078 R851074 R851072 R851070




# Connector LC Standard

## Features

- Connector tunable in 30° steps
- Injection-molded PBT housing, UL-listed
- Locking type latched push-pull
- Ferrule rotation locked when assembled
- Ferrule with end-face of  $\varnothing$  0.6 mm and 35° dome angle








090.6521

Ordering Information	Description	PU	Part Number
 <p>090.6521</p>	<b>Connector LC APC (pigtail)</b> <b>Scope of supply</b> <ul style="list-style-type: none"> <li>- Connector housing</li> <li>- Ferrule holder for pigtail incl. ferrule</li> <li>- White plastic dust cover</li> <li>- Two spacer sleeve per 100 connectors</li> </ul>		
	<b>APC, SM, green, 125.2 (+0.5/-0) <math>\mu</math>m, C0.5 <math>\mu</math>m PM</b> <b>APC, SM, green, 126.0 (+1/-0) <math>\mu</math>m, C1.0 <math>\mu</math>m PM</b>	100 100	R882043 R882044
 <p>090.6523</p>	<b>Connector LC PC (pigtail)</b> <b>Scope of supply</b> <ul style="list-style-type: none"> <li>- Connector housing</li> <li>- Ferrule holder for pigtail incl. ferrule</li> <li>- White plastic dust cover</li> <li>- Two spacer sleeve per 100 connectors</li> </ul>		
	<b>PC, SM, blue, 125.2 (+0.5/-0) <math>\mu</math>m, C0.5 <math>\mu</math>m PM</b> <b>PC, SM, blue, 126.0 (+1/-0) <math>\mu</math>m, C1.0 <math>\mu</math>m PM</b> <b>PC, MM, beige, 126.0 (+1/-0) <math>\mu</math>m, C1.0 <math>\mu</math>m PM</b> <b>PC, MM, beige, 127.0 (+2/-0) <math>\mu</math>m PM</b>	100 100 100 100	R882042 R882041 R882037 R882038
	<b>Connector LC APC (patch cable)</b> <b>Scope of supply</b> <ul style="list-style-type: none"> <li>- Connector housing</li> <li>- Ferrule holder for patch cable incl. ferrule</li> <li>- White plastic dust cover</li> <li>- Two spacer sleeve per 100 connectors</li> </ul>		
	<b>APC, SM, green, 125.2 (+0.5/-0) <math>\mu</math>m, C0.5 <math>\mu</math>m PM</b> <b>APC, SM, green, 126.0 (+1/-0) <math>\mu</math>m, C1.0 <math>\mu</math>m PM</b>	100 100	R882045 R882046
 <p>090.6525</p>	<b>Connector LC PC (patch cable)</b> <b>Scope of supply</b> <ul style="list-style-type: none"> <li>- Connector housing</li> <li>- Ferrule holder for patch cable incl. ferrule</li> <li>- White plastic dust cover</li> <li>- Two spacer sleeve per 100 connectors</li> </ul>		
	<b>PC, SM, blue, 125.2 (+0.5/-0) <math>\mu</math>m, C0.5 <math>\mu</math>m PM</b> <b>PC, SM, blue, 126.0 (+1/-0) <math>\mu</math>m, C1.0 <math>\mu</math>m PM</b> <b>MM, beige, 126.0 (+1/-0) <math>\mu</math>m, C1.0 <math>\mu</math>m PM</b> <b>MM, beige, 127.0 (+2/-0) <math>\mu</math>m PM</b>	100 100 100 100	R882040 R882039 R882035 R882036

# Connector LC Standard


## Accessories


Ordering Information	Description	PU	Part Number
 <p>030.8037 Abbildung ähnlich</p>	<p><b>Spacer sleeve, LC dispensing</b></p> <p>Spacer sleeve which is routed over glue-needle to ensure the optimal depth of the needle. (Two pieces included in connector set of 100 pcs).</p>	10	R803487
 <p>090.6519</p>	<p><b>Color Clip LC Connector,</b></p> <p>Color clip for LC connector.</p> <p><b>green</b></p> <p><b>blue</b></p> <p><b>turquoise</b></p> <p><b>orange</b></p> <p><b>beige</b></p> <p><b>violet</b></p> <p><b>heather violet</b></p>	<p>100</p> <p>100</p> <p>100</p> <p>100</p> <p>100</p> <p>100</p> <p>100</p>	<p>R802925</p> <p>R802926</p> <p>R802927</p> <p>R802928</p> <p>R802929</p> <p>R802930</p> <p>R846313</p>
 <p>090.5199</p>	<p><b>Color Clip LC-Duplex Connector,</b></p> <p>Color clip for LC-Duplex connector.</p> <p><b>green</b></p> <p><b>blue</b></p> <p><b>turquoise</b></p> <p><b>orange</b></p> <p><b>beige</b></p> <p><b>red</b></p> <p><b>yellow</b></p> <p><b>violet</b></p> <p><b>black</b></p> <p><b>heather violet</b></p>	<p>12</p> <p>12</p> <p>12</p> <p>12</p> <p>12</p> <p>12</p> <p>12</p> <p>12</p> <p>12</p> <p>12</p>	<p>R508098</p> <p>R508104</p> <p>R508100</p> <p>R508097</p> <p>R508105</p> <p>R508103</p> <p>R508102</p> <p>R508101</p> <p>R508099</p> <p>R846314</p>
 <p>090.5031</p>	<p><b>Plug Guard LC-Duplex Connector</b></p> <p>Plug Guard for LC-Duplex connector.</p>	1	R508116
 <p>090.5034</p>	<p><b>Key Plug Guard LC-Duplex Connector</b></p> <p>Key to Plug Guard for LC-Duplex connector.</p>	1	R508117




# Connector LC Standard

## Pigtail Boot & Crimp Set

Ordering Information	Description	PU	Part Number
 <p>030.6720</p>	<b>Boot LSH / SC / LC Pigtail</b> Colored connector boot, 15 mm length. For tubes from Ø 0.6 - 1.2 mm. Material boot: TPE, self extinguishing, free of halogen.		
	<b>green</b>	100	R861302
	<b>blue</b>	100	R861304
	<b>red</b>	100	R862107
	<b>black</b>	100	R861303
	<b>orange</b>	100	R861307
	<b>gray</b>	100	R861308
	<b>turquoise</b>	100	R862106
	<b>pink</b>	100	R862109
	<b>brown</b>	100	R861310
	<b>violet</b>	100	R861309
	<b>white</b>	100	R861306
	<b>beige</b>	100	R861305
	<b>yellow</b>	100	R862108

 <p>090.7151</p>	<b>Crimp Set all Types E-2000™ / LC / SC, 1.7 mm cable</b> Crimp sleeve and colored connector boot. For cables from Ø 1.4 - 1.7 mm. Material sleeve: aluminum. Material boot: TPE, self extinguishing, free of halogen.		
	<b>green</b>	100	R812801
	<b>blue</b>	100	R812802
	<b>red</b>	100	R812804
	<b>black</b>	100	R812803

 <p>090.7151</p>	<b>Crimp Set all Types E-2000™ / LC / SC, 1.9 mm cable</b> Crimp sleeve and colored connector boot. For cables from Ø 1.7 - 1.9 mm. Material sleeve: aluminum. Material boot: TPE, self extinguishing, free of halogen.		
	<b>green</b>	100	R878855
	<b>blue</b>	100	R878856
	<b>red</b>	100	R878858
	<b>black</b>	100	R878857
	<b>turquoise</b>	100	R878859
	<b>violet</b>	100	R878860
	<b>white</b>	100	R878854



# Connector LC Standard

## Pigtail Boot & Crimp Set

Ordering Information	Description	PU	Part Number
 <p>090.7151</p>	<b>Crimp Set all Types E-2000™ / LC / SC, 2.2 mm cable</b> Crimp sleeve and colored connector boot. For cables from Ø 1.8 - 2.2 mm. Material sleeve: aluminum. Material boot: TPE, self extinguishing, free of halogen.		
	green	100	R812805
	blue	100	R812806
	red	100	R812808
	black	100	R812807
	turquoise	100	R821290
	gray	100	R821291
	pink	100	R821292
	brown	100	R821293
	violet	100	R821294
	white	100	R509098
	orange	100	R816291
	yellow	100	R816292
	beige	100	R847819
 <p>090.7151</p>	<b>Crimp Set all Types E-2000™ / LC / SC, 2.6 mm cable</b> Crimp sleeve and colored connector boot. For cables from Ø 2.3 - 2.6 mm. Material sleeve: aluminum. Material boot: TPE, self extinguishing, free of halogen.		
	green	100	R812809
	blue	100	R812810
	red	100	R813159
	black	100	R813158
 <p>090.7151</p>	<b>Crimp Set all Types E-2000™ / LC / SC, 3.0 mm cable</b> Crimp sleeve and colored connector boot. For cables from Ø 2.7 - 3.0 mm. Material sleeve: aluminum. Material boot: TPE, self extinguishing, free of halogen.		
	green	100	R813160
	blue	100	R813161
	black	100	R813162

# Connector LC QuickRelease


## LC-QR Simplex & LC-QR Duplex

### Features

- Highest packing density on the patch panel
- Monitoring/R&MinteliPhy
- Polarity reversal
- Optimum radius limitation on the patch cable






030.5775

Ordering Information	Description	PU	Part Number
 <p>030.6843</p>	<b>Connector LC-QR Simplex</b>		
	APC 125.2µm C0.5µm	100	862973
	PC 125.2µm C0.5µm	100	862974
 <p>030.6842</p>	<b>Pigtail Boot LC-QR Simplex</b>		
	Boot LC-QR simplex Pigtail green	100	862977
	Boot LC-QR simplex Pigtail blue	100	862978
 <p>030.6840</p>	<b>Boot LC-QR Simplex</b>		
	Boot LC-QR simplex <2.4mm-green	100	862975
	Boot LC-QR simplex <2.4mm-blue	100	862976
 <p>030.7048</p>	<b>Connector LC-QR Duplex</b>		
	PC 125.2µm C0.5 µm bl	50	R855342
	APC 125.2µm C0.5 µm gn	50	R855343
	PC 126µm C1.0 µm bk/tr	50	R855344
	PC 126µm C1.0 µm bk/hvt	50	R855345
 <p>030.5820</p>	<b>Crimpsets for LC-QR Simplex</b>		
	Crimp sleeve 1.4-1.7mm	100	R867749
	Crimp sleeve 1.8-2.2mm	100	R867750





# Connector LC QuickRelease

## LC-QR Uniboot

Ordering Information	Description	PU	Part Number
 <p data-bbox="469 524 539 544">030.5771</p>	<p data-bbox="587 338 842 365"><b>Connector LC-QR Uniboot</b></p> <p data-bbox="587 389 842 416">APC 125.2µm C0.5 µm gn</p> <p data-bbox="587 421 826 448">PC 125.2µm C0.5 µm bl</p> <p data-bbox="587 452 842 479">PC 126µm C1.0 µm bk/tr</p> <p data-bbox="587 483 850 510">PC 126µm C1.0 µm bk/hvt</p>	<p data-bbox="1129 389 1161 416">50</p> <p data-bbox="1129 421 1161 448">50</p> <p data-bbox="1129 452 1161 479">50</p> <p data-bbox="1129 483 1161 510">50</p>	<p data-bbox="1249 389 1345 416">R842203</p> <p data-bbox="1249 421 1345 448">R841476</p> <p data-bbox="1249 452 1345 479">R842204</p> <p data-bbox="1249 483 1345 510">R842205</p>
 <p data-bbox="469 792 539 813">030.5820</p>	<p data-bbox="587 613 874 640"><b>Crimpsets for LC-QR Uniboot</b></p> <p data-bbox="587 665 826 692">Crimp sleeve 1.4-1.7mm</p> <p data-bbox="587 696 826 723">Crimp sleeve 1.8-2.2mm</p>	<p data-bbox="1129 665 1169 692">100</p> <p data-bbox="1129 696 1169 723">100</p>	<p data-bbox="1249 665 1345 692">R841477</p> <p data-bbox="1249 696 1345 723">R841478</p>
 <p data-bbox="469 1066 539 1086">030.6069</p>	<p data-bbox="587 882 938 909"><b>Twin Fiber Cable for LC-QR Uniboot</b></p> <p data-bbox="587 934 1018 960">Twin Fiber Cable OM4-2x250 µm/1.4mm hv</p> <p data-bbox="587 965 1018 992">Twin Fiber Cable OM3-2x250 µm/1.4mm tr</p> <p data-bbox="587 996 1066 1023">Twin Fiber Cable G.657.A2-2x250 µm/1.4mm ye</p>	<p data-bbox="1129 934 1185 960">2000</p> <p data-bbox="1129 965 1185 992">2000</p> <p data-bbox="1129 996 1185 1023">2000</p>	<p data-bbox="1249 934 1345 960">R849833</p> <p data-bbox="1249 965 1345 992">R849834</p> <p data-bbox="1249 996 1345 1023">R849835</p>

# Connector LC QuickRelease

## Support Tools for LC-QR Uniboot assembling

Ordering Information	Description	PU	Part Number
 030.5815	<b>Assembling auxiliary tools for LC-QR</b> The assembling of a LC-QR (without restriction to cable type or Uniboot) requires a lot of skills. R&M offers auxiliary tools, which reduce the assembly time and ensure repeatable quality.		
 030.5813	<b>Assembly tool LC-QR housing (Image 030.5815)</b>	1	R837007
 030.5812	<b>Assembly Tool-LC-QR-Uniboot (Image 030.5813)</b>	1	R873757
 030.5814	<b>Assembly Tool LC-QR Duplex Cable (Image 030.5812)</b>	1	R837009
	<b>Wire Stripper LC-QR-Coating (Image 030.5814)</b>	1	R837010

## Features

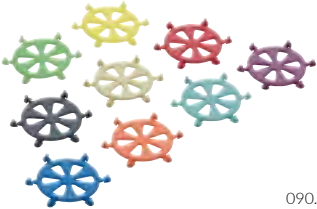
- Compact design (SFF)
- Outstanding optical performance
- Duplex adapter fits in SC Simplex cutout
- Integral self-closing metal laser protection flaps
- Semi-transparent plastic dust cover, allowing optical testing with test lasers without removing the cover

 Ceramic = zirconia ceramic alignment sleeve



090.7332

Ordering Information	Description	PU	Part Number
 <p>090.7332</p>	<b>Adapter LC-Duplex (screwable)</b> Adapter LC-Duplex with semi-transparent dust caps. Quick mounting clip and M2 thread integrated. <b>Scope of supply</b> – Adapter LC-Duplex – 2 Philips head screws M2 x 4, blue galvanized		
	<b>APC, green, ceramic SM, C</b>	12	R820415
	<b>PC, blue, ceramic SM, C</b>	12	R820416
	<b>PC, lime, ceramic MM, M</b>	12	R842200
	<b>PC, heather violet, ceramic MM, M</b>	12	R823205
	<b>PC, turquoise, ceramic MM, M</b>	12	R823203
	<b>PC, beige, ceramic MM, M</b>	12	R820417
	 <p>090.7334</p>	<b>Adapter LC-Duplex APC, (flangeless)</b> LC-Duplex adapter flangeless with semi-transparent dust caps. Quick mounting clip integrated. <b>Scope of supply</b> – Adapter LC-Duplex	
<b>APC, green, ceramic SM, C</b>		12	R820418
<b>PC, blue, ceramic SM, C</b>		12	R820419
<b>PC, lime, ceramic MM, M</b>		12	R842201
<b>PC, heather violet, ceramic MM, M</b>		12	R823206
<b>PC, turquoise, ceramic MM, M</b>		12	R823204
<b>PC, beige, ceramic MM, M</b>		12	R820420
 <p>090.7863</p>		<b>Adapter frame «special» equipped with LC Duplex</b> Adapter frame «special» assembled with LC Duplex adapter fitting into selected R&M Patch Panels and outlets which are designed for the mounting of RJ45 Cat. 6A, Cat. 6A EL and Cat. 6 EL modules. <b>Scope of supply</b> – LC Duplex Adapter – Adapter frame special	
	<b>APC, green, ceramic SM, C</b>	10	R840200
	<b>PC, blue, ceramic SM, C</b>	10	R821302
	<b>PC, beige, ceramic MM, M</b>	10	R821303
	<b>PC, turquoise, ceramic MM, M</b>	10	R840201
	<b>PC, heather violet, ceramic MM, M</b>	10	R840203

Ordering Information	Description	PU	Part Number
	<p><b>Color coding Clip LC-Duplex</b> Matching the LC-Duplex adapters. Six clips per block.</p>		
090.7478	<p><b>Color Coding Clip LC-Duplex Adapter, green</b> <b>Color Coding Clip LC-Duplex Adapter, blue</b> <b>Color Coding Clip LC-Duplex Adapter, ivory</b> <b>Color Coding Clip LC-Duplex Adapter, turquoise</b> <b>Color Coding Clip LC-Duplex Adapter, orange</b> <b>Color Coding Clip LC-Duplex Adapter, red</b> <b>Color Coding Clip LC-Duplex Adapter, yellow</b> <b>Color Coding Clip LC-Duplex Adapter, violet</b> <b>Color Coding Clip LC-Duplex Adapter, anthracite</b></p>	1 1 1 1 1 1 1 1 1	R820806 R820807 R820808 R820810 R820809 R820812 R820811 R820814 R820813



030.7396

**Dust-cap LC Adapter**  
Replacement dust caps fitting to LC adapters

100 R872839





# SC Components

## Features

### **Security**

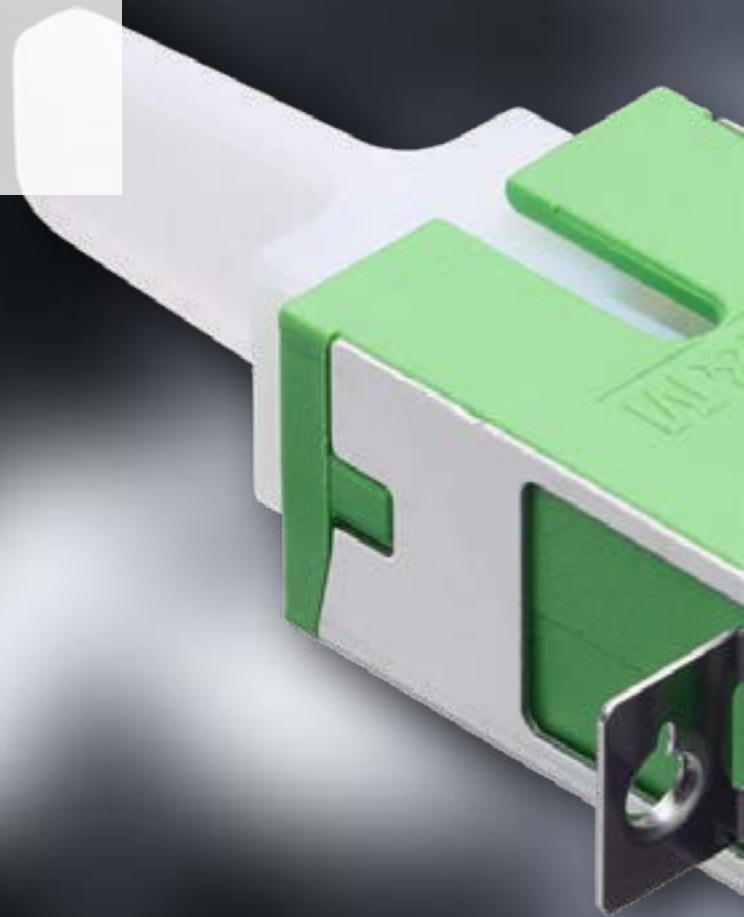
Laserprotection included

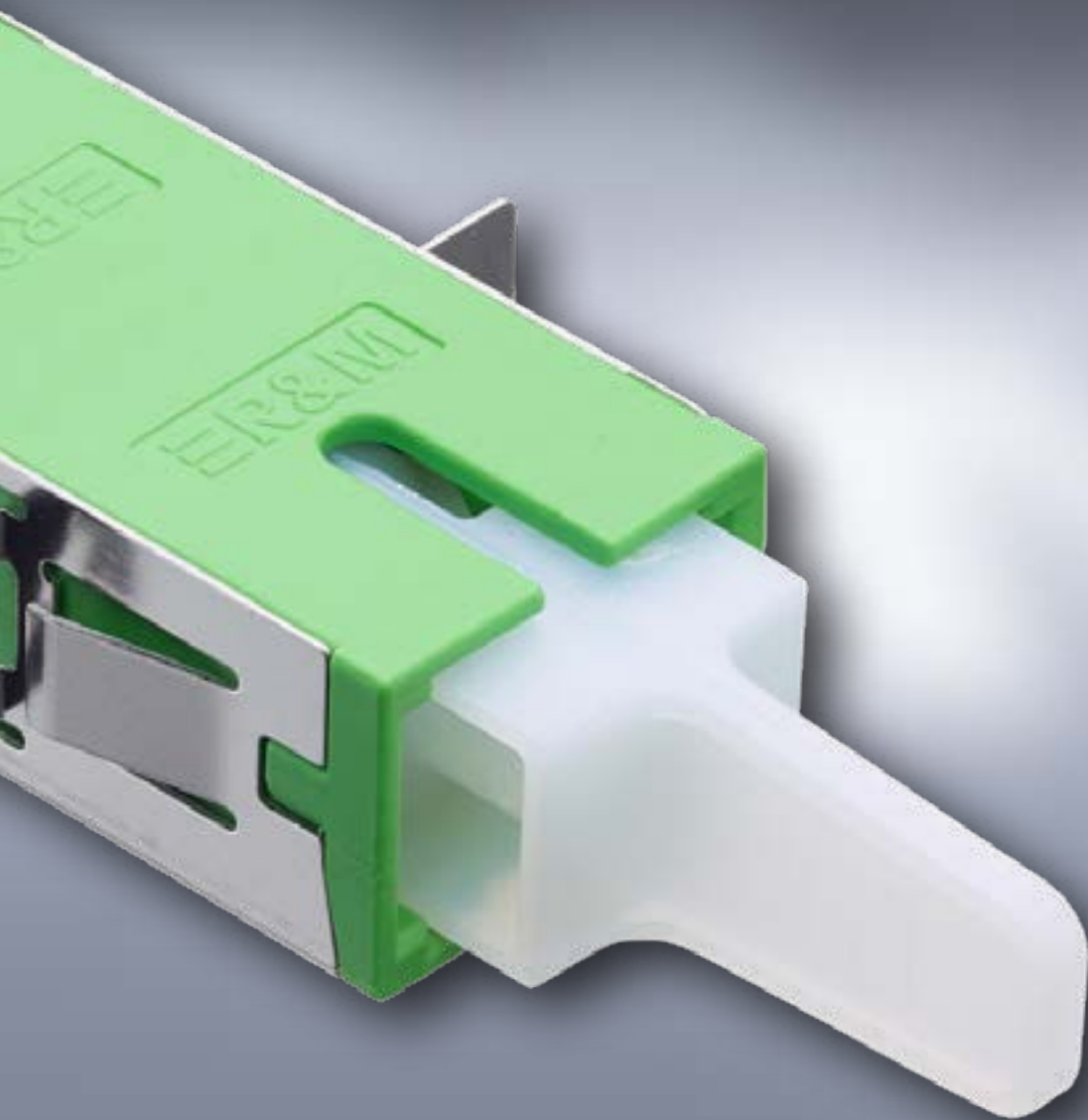
### **Performance**

High power approved up to 4,5 Watts

### **Design**

Certified by GL & UL





090.7705

# Connector SC



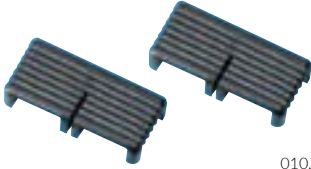

## Simplex & Duplex

### Features

- Injection-molded PBT housing, UL-listed
- No different expansion coefficients thanks to the ceramic ferrule
- Same ferrule holder as for E-2000™
- Locking type: push-pull
- Connector tunable in 60° steps




030.5990


Ordering Information	Description	PU	Part Number
 <p>030.5990</p>	<p><b>Connector SC APC</b></p> <p>Locking type push-pull. Injection-molded PBT housing, UL 94 V-0 (flammability index). Ferrule with end-face of <math>\varnothing 0.5</math> mm and 45° dome angle.</p> <p><b>Scope of supply</b></p> <ul style="list-style-type: none"> <li>- Inner and outer connector housing</li> <li>- Ferrule holder incl. ferrule</li> </ul>		
	<b>SM, green, 125.2 (+05/-0) <math>\mu</math>m, C0.5 <math>\mu</math>m</b>	100	R847362
	<b>SM, green, 126.0 (+1/-0) <math>\mu</math>m, C1.0 <math>\mu</math>m</b>	100	R847363
 <p>030.5992</p>	<p><b>Connector SC PC</b></p> <p>Locking type push-pull. Injection-molded PBT housing, UL 94 V-0 (flammability index).</p> <p><b>Scope of supply</b></p> <ul style="list-style-type: none"> <li>- Inner and outer connector housing</li> <li>- Ferrule holder incl. ferrule</li> </ul>		
	<b>SM, blue, 125.2 (+0.5/-0) <math>\mu</math>m, C0.5 <math>\mu</math>m</b>	100	R847364
	<b>SM, blue, 126.0 (+1/-0) <math>\mu</math>m, C1.0 <math>\mu</math>m</b>	100	R840220
	<b>MM, beige, 126.0 (+1/-0) <math>\mu</math>m, C1.0 <math>\mu</math>m</b>	100	R840221
	<b>MM, beige, 127.0 (+3/-0) <math>\mu</math>m</b>	100	R847816
 <p>010.2382</p>	<p><b>Duplex Clip, R&amp;M connector SC</b></p> <p>This clips make SC-Duplex applications possible. Color: black.</p>	1	R306718
 <p>030.6081</p>	<p><b>SC Inner Housing Dismantle Tool</b></p>	1	R851105




# Connector SC

## Pigtail Boot & Crimp Set

Ordering Information	Description	PU	Part Number
 <p>030.6720</p>	<b>Boot LSH / SC / LC Pigtail</b> Colored connector boot, 15 mm length. For tubes from Ø 0.6 - 1.2 mm. Material boot: TPE, self extinguishing, free of halogen.		
	green	100	R861302
	blue	100	R861304
	red	100	R862107
	black	100	R861303
	orange	100	R861307
	gray	100	R861308
	turquoise	100	R862106
	pink	100	R862109
	brown	100	R861310
	violet	100	R861309
	white	100	R861306
	beige	100	R861305
	yellow	100	R862108

 <p>090.7151</p>	<b>Crimp Set all Types E-2000™ / LC / SC, 1.7 mm cable</b> Crimp sleeve and colored connector boot. For cables from Ø 1.4 - 1.7 mm. Material sleeve: aluminum. Material boot: TPE, self extinguishing, free of halogen.		
	green	100	R812801
	blue	100	R812802
	red	100	R812804
	black	100	R812803

 <p>090.7151</p>	<b>Crimp Set all Types E-2000™ / LC / SC, 1.9 mm cable</b> Crimp sleeve and colored connector boot. For cables from Ø 1.7 - 1.9 mm. Material sleeve: aluminum. Material boot: TPE, self extinguishing, free of halogen.		
	green	100	R878855
	blue	100	R878856
	red	100	R878858
	black	100	R878857
	turquoise	100	R878859
	violet	100	R878860
	white	100	R878854

# Connector SC

## Pigtail Boot & Crimp Set

Ordering Information	Description	PU	Part Number
	<b>Crimp Set all Types E-2000™ / LC / SC, 2.2 mm cable</b> Crimp sleeve and colored connector boot. For cables from Ø 1.8 - 2.2 mm. Material sleeve: aluminum. Material boot: TPE, self extinguishing, free of halogen.		
	green	100	R812805
	blue	100	R812806
	red	100	R812808
	black	100	R812807
	turquoise	100	R821290
	gray	100	R821291
	pink	100	R821292
	brown	100	R821293
	violet	100	R821294
	white	100	R509098
	orange	100	R816291
	yellow	100	R816292
	beige	100	R847819
	<b>Crimp Set all Types E-2000™ / LC / SC, 2.6 mm cable</b> Crimp sleeve and colored connector boot. For cables from Ø 2.3 - 2.6 mm. Material sleeve: aluminum. Material boot: TPE, self extinguishing, free of halogen.		
	green	100	R812809
	blue	100	R812810
	red	100	R813159
	black	100	R813158
	<b>Crimp Set all Types E-2000™ / LC / SC, 3.0 mm cable</b> Crimp sleeve and colored connector boot. For cables from Ø 2.7 - 3.0 mm. Material sleeve: aluminum. Material boot: TPE, self extinguishing, free of halogen.		
	green	100	R813160
	blue	100	R813161
	red	100	R813163
	black	100	R813162

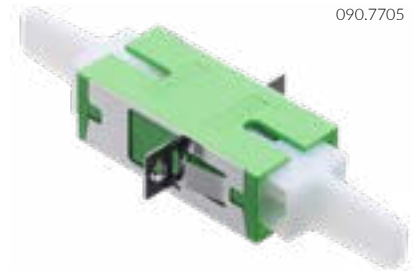


# Adapter SC Simplex

## Features

- Injection-molded PBT housing, UL 94 V-0 (flammability index)
- Split ceramic sleeve
- 500 mating cycles

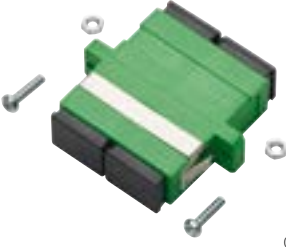

 Ceramic = zirconia ceramic alignment sleeve



090.7705

Ordering Information	Description	PU	Part Number
 <p>090.7705</p>	<p><b>Adapter SC (screwable)</b></p> <p>SC adapter with semi-transparent dust caps. Quick mounting clip integrated. M2 nuts pre-mounted.</p> <p><b>Scope of supply</b></p> <ul style="list-style-type: none"> <li>- SC adapter</li> <li>- 2 Philips head screws M2 x 4, blue galvanized</li> </ul>		
	<b>APC, green, ceramic SM, B, screwable</b>	12	R806951
	<b>PC, blue, ceramic SM, B, screwable</b>	12	R806952
	<b>APC, green, ceramic SM, C, screwable</b>	12	R804288
	<b>PC, blue, ceramic SM, C, screwable</b>	12	R805044
	<b>PC, beige, ceramic MM, M, screwable</b>	12	R806948
 <p>090.7708</p>	<p><b>Adapter SC (flangeless)</b></p> <p>SC adapter flangeless with semi-transparent dust caps. Quick mounting clip integrated. Optimal front plate thickness: 1.3 – 1.7mm</p> <p><b>Scope of supply</b></p> <ul style="list-style-type: none"> <li>- SC adapter</li> </ul>		
	<b>APC, green, ceramic SM, B</b>	12	R806949
	<b>PC, blue, ceramic SM, B</b>	12	R806950
	<b>APC, green, ceramic SM, C</b>	12	R803945
	<b>PC, blue, ceramic SM, C</b>	12	R804274
	<b>PC, beige, ceramic MM, M</b>	12	R804282
 <p>090.7866</p>	<p><b>Adapter frame «special» equipped with SC</b></p> <p>Adapter frame «special» assembled with SC Simplex adapter fitting into selected R&amp;M Patch Panels and outlets which are designed for the mounting of RJ45 Cat. 6A, Cat. 6A EL and Cat. 6 EL modules.</p> <p><b>Scope of supply</b></p> <ul style="list-style-type: none"> <li>- Adapter SC</li> <li>- Adapter frame special</li> </ul>		
	<b>APC, green, ceramic SM, C</b>	10	R840202
	<b>PC, blue, ceramic SM, C</b>	10	R822672
	<b>PC, beige, ceramic MM, M</b>	10	R822673

# Adapter SC Duplex

Ordering Information	Description	PU	Part Number
 <p>090.2443</p>	<p><b>Adapter SC-Duplex (screwable)</b>  <b>Scope of supply</b>                      - SC-Duplex adapter                      - 2 Philips head screws M2 x 8, blue galvanized                      - 2 mounted hexagonal nuts M2, blue galvanized</p> <p><b>APC, green, ceramic SM, C</b>  <b>PC, blue, ceramic SM, C</b>  <b>PC, beige, ceramic MM, M</b></p>	<p>12 12 12</p>	<p>R804260 R30805 R317064</p>
 <p>030.6888</p>	<p><b>Adapter SC-Duplex (flangeless)</b>  <b>Scope of supply</b>                      - SC-Duplex adapter</p> <p><b>APC, green, ceramic SM, C</b>  <b>PC, blue, ceramic SM, C</b>  <b>PC, beige, ceramic MM, M</b></p>	<p>12 12 12</p>	<p>R821237 R821236 R821235</p>

# MPO Components





070.7044



# Connector MPO Female

## Features



- Highest packing density on the patch panel
- Monitoring/R&MintelIPhy
- Optimum radius limitation on the patch cable
- Easy, tool-less polarisation change



030.7869

Ordering Information	Description	PU	Part Number
 <p>030.7870</p>	<p><b>MPO-QR Connector Set Female</b></p> <p><b>Scope of supply</b></p> <ul style="list-style-type: none"> <li>- MPO elite ferrule</li> <li>- Connector housing</li> <li>- female pin</li> </ul>		
 <p>030.8292</p>	<p><b>MPO-QR Set 12 pole</b></p> <p><b>MM, turquoise</b></p> <p><b>MM, heather violet</b></p> <p><b>MM, lime green</b></p> <p><b>SM, yellow</b></p> <p><b>MPO-QR Set 24 pole</b></p> <p><b>SM, yellow</b></p> <p><b>MM, heather violet</b></p> <p><b>MM, turquoise</b></p> <p><b>MM, lime green</b></p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>	<p>R865615</p> <p>R865617</p> <p>R865619</p> <p>R866607</p> <p>R873290</p> <p>R873326</p> <p>R873327</p> <p>R873332</p>

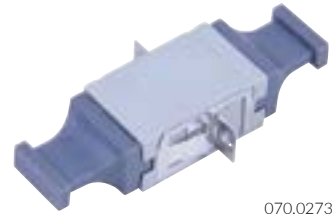
# Connector MPO Male

Ordering Information	Description	PU	Part Number
 <p>030.7398</p>	<p><b>MPO-QR Connector Set Male</b></p> <p><b>Scope of supply</b></p> <ul style="list-style-type: none"> <li>- MPO elite ferrule</li> <li>- Connector housing</li> <li>- male pin</li> </ul> <p><b>MPO-QR Set 12 pole</b></p> <p><b>MM, turquoise</b></p> <p><b>MM, heather violet</b></p> <p><b>MM, lime green</b></p> <p><b>SM, yellow</b></p> <p><b>MPO-QR Set 24 pole</b></p> <p><b>SM, yellow</b></p> <p><b>MM, heather violet</b></p> <p><b>MM, turquoise</b></p> <p><b>MM, lime green</b></p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>	<p>R866601</p> <p>R866603</p> <p>R866605</p> <p>R866609</p> <p></p> <p>R873288</p> <p>R873322</p> <p>R873324</p> <p>R873330</p>
 <p>030.7399</p>	<p><b>MPO-QR Male Pins</b></p> <p><b>Scope of supply</b></p> <ul style="list-style-type: none"> <li>- MPO male pins</li> </ul> <p><b>MM male pins</b></p> <p><b>SM male pins</b></p>	<p>100</p> <p>100</p>	<p>R872440</p> <p>R872803</p>

# Adapter MPO

## Features

- Injection-moulded PBT housing, UL 94 V-0 (flammability index)
- 500 mating cycles



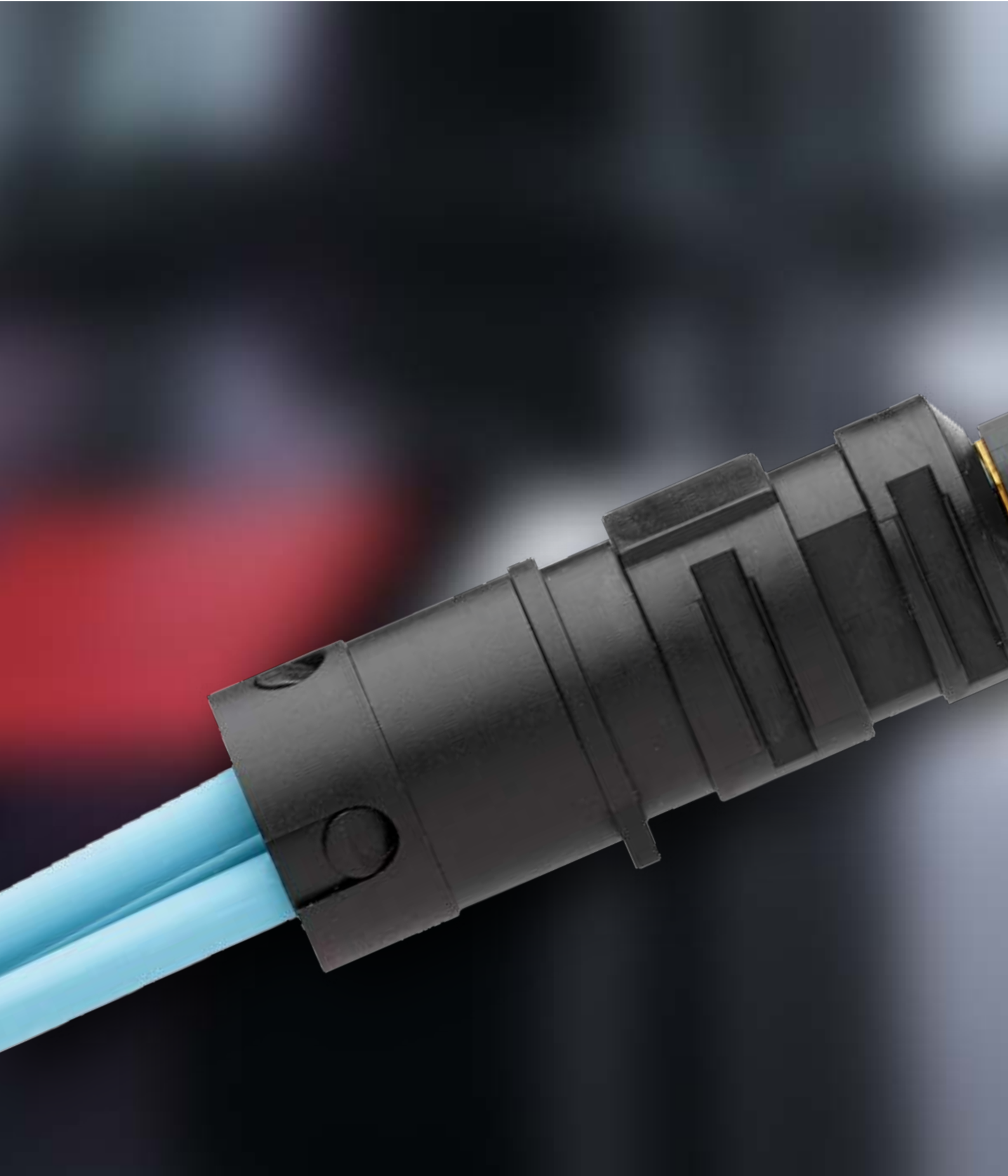
070.0273

Ordering Information	Description	PU	Part Number
 <p>070.0272</p>	<p><b>MPO Adapter Type A (key up - key down)</b> MPO adapter with dust caps. Quick mounting clip integrated. Optimal front plate thickness: 1.3 - 1.7mm</p> <p><b>Adapter-MPO-flangeless-A-bk</b></p>	12	R824361
 <p>070.0271</p>	<p><b>MPO Adapter Type A (key up - key down)</b> MPO adapter with dust caps. Quick mounting clip integrated</p> <p><b>Scope of supply</b> - MPO Adapter - 2 head screws M2x4, blue galvanized</p> <p><b>Adapter-MPO-screw-A-bk</b></p>	12	R824364
 <p>070.0274</p>	<p><b>MPO Adapter Type B (key up - key up)</b> MPO adapter with dust caps. Quick mounting clip integrated. Optimal front plate thickness: 1.3 - 1.7mm</p> <p><b>Adapter-MPO-flangeless-B-gy</b></p>	12	R824363
 <p>070.0273</p>	<p><b>MPO Adapter Type B (key up - key up)</b> MPO adapter with dust caps. Quick mounting clip integrated</p> <p><b>Scope of supply</b> - MPO Adapter - 2 head screws M2x4, blue galvanized</p> <p><b>Adapter-MPO-screw-B-gy</b></p>	12	R824366









# Cable Divider






010.0800

Ordering Information	Description	PU	Part Number
 <p data-bbox="470 479 539 499">030.7399</p>	<p data-bbox="587 331 879 360">Divider-D12-cable <math>\varnothing \leq 3.8\text{mm}</math></p>	<p data-bbox="1129 331 1150 360">1</p>	<p data-bbox="1257 331 1342 360">R872809</p>
 <p data-bbox="470 707 539 728">030.7401</p>	<p data-bbox="587 564 799 593">Divider-D12-24x1mm</p>	<p data-bbox="1129 564 1150 593">1</p>	<p data-bbox="1257 564 1342 593">R872810</p>
 <p data-bbox="470 940 539 960">030.7400</p>	<p data-bbox="587 797 799 826">Divider-D12-12x1mm</p>	<p data-bbox="1129 797 1150 826">1</p>	<p data-bbox="1257 797 1342 826">R872811</p>
 <p data-bbox="470 1173 539 1193">030.7400</p>	<p data-bbox="587 1030 799 1059">Divider-D12-2x2mm</p>	<p data-bbox="1129 1030 1150 1059">1</p>	<p data-bbox="1257 1030 1342 1059">855348</p>

# Empty tubes

Ordering Information	Description	PU	Part Number
 030.6839_C1	<b>Unfilled-Tubular-Cord-I-0,6/1,8-hv</b> Unfilled Tubular Cord Ø 1,8 mm, 0,6 mm inner tube , FRLSZH jacket, heather violet	1	R898161
	<b>Unfilled-Tubular-Cord-I-0,6/1,8-tr</b> Unfilled Tubular Cord Ø 1,8 mm, 0,6 mm inner tube , FRLSZH jacket, turquoise	1	R898162
	<b>Unfilled-Tubular-Cord-I-0,6/1,8-lm</b> Unfilled Tubular Cord Ø 1,8 mm, 0,6 mm inner tube , FRLSZH jacket, lime green	1	R898163

# FO Field

## Features

### **Flexibility**

Cabling freedom

### **Efficiency**

Easy mounting

### **Quality**

Swiss precision





030.5993



## Features

- Field-terminable, no polishing required
- Assembled in less than 1 minute
- Few tools required (cleaver, wire stripper)
- Highest performance (Grade Cf with SM and Grade Bmf with MM)
- Can be reassembled five times
- One connector type for fibers of 250µm up to cables of 3.0mm
- Simple function test




030.6317

Ordering Information	Description	PU	Part Number
 <p>030.6320</p>	<p><b>FO Field LC, Grade Cf, APC, green</b></p> <p>Field-terminable LC/APC connector, Grade Cf/1, individual packaged incl. stripping chart and QR code with installation instructions. Color green, strain relief pigtail white.</p>		
	<p><b>G657.A fiber stub, 250µm fibers up to 0.9mm fibers</b></p>	1	R846317
 <p>030.6353</p>	<p><b>FO Field LC, Grade Cf, PC, blue</b></p> <p>Field-terminable LC/PC connector, Grade Cf/2, individual packaged incl. stripping chart and QR code with installation instructions. Color blue, strain relief pigtail white.</p>		
	<p><b>G657.A fiber stub, 250µm fibers up to 0.9mm fibers</b></p>	1	R846320
 <p>030.6352</p>	<p><b>FO Field LC, Grade Bmf, PC, beige</b></p> <p>Field-terminable LC/PC connector, Grade Bmf/3, individual packaged incl. stripping chart and QR code with installation instructions. Color beige, strain relief pigtail white.</p>		
	<p><b>OM4 fiber stub, 250µm fibers up to 0.9mm fibers</b></p>	1	R846322
	<p><b>OM4 fiber stub, 250µm fibers up to 0.9mm fibers</b></p>	10	R854519
	<p><b>OM1 fiber stub, 250µm fibers up to 0.9mm fibers</b></p>	1	R854508
	<p><b>OM1 fiber stub, 250µm fibers up to 0.9mm fibers</b></p>	10	R854747

Ordering Information	Description	PU	Part Number
 <p>030.6433</p>	<p><b>FO Field SC, Grade Cf, APC, green</b></p> <p>Field-terminable SC/APC connector, Grade Cf/1, individual packaged incl. stripping chart and QR code with installation instructions. Color green, strain relief pigtail white.</p>		
<p><b>G657.A fiber stub, 250µm fibers up to 0.9mm fibers</b></p>		1	R846323
 <p>030.6434</p>	<p><b>FO Field SC, Grade Cf, PC, blue</b></p> <p>Field-terminable SC/PC connector, Grade Cf/2, individual packaged incl. stripping chart and QR code with installation instructions. Color blue, strain relief pigtail white.</p>		
<p><b>G657.A fiber stub, 250µm fibers up to 0.9mm fibers</b></p>		1	R846325
 <p>030.6432</p>	<p><b>FO Field SC, Grade Bmf, PC, beige</b></p> <p>Field-terminable SC/PC connector, Grade Bmf/3, individual packaged incl. stripping chart and QR code with installation instructions. Color beige, strain relief pigtail white.</p>		
<p><b>OM4 fiber stub, 250µm fibers up to 0.9mm fibers</b></p>		1	R846327

# FO Field Patch Set

Ordering Information	Description	PU	Part Number
 021.4738	FO Field Patch set		
	2 mm	10	R841480
	3 mm	10	R841481
	Cat OP (2-3mm)	10	R872831

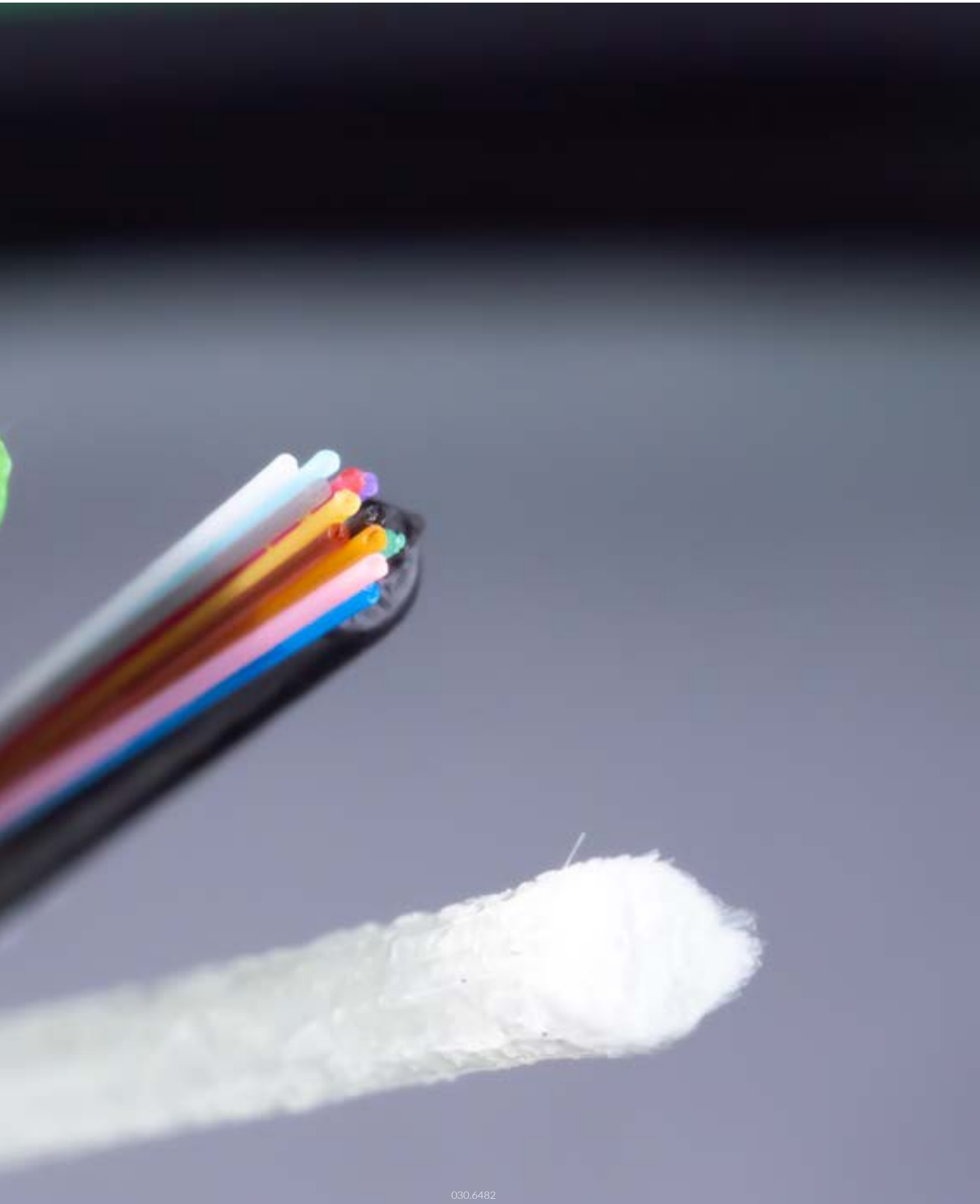


# Cables

## Features


- lowest after-shrinkage at high temperature
- no pre-conditioning before assembling necessary
- temperature range OP;  $-25^{\circ}\text{C}$  to  $+70^{\circ}$






030.6482

# Semi-tight Pigtail Tubes 0.9mm, easy strip

Ordering Information	Description	PU	Part Number
 <p>030.6812</p>	<b>Pigtail Tubes 0.9 mm</b>		
	Ø 0.9 mm, G657.A2 fiber, buffer and fiber color red	2100 m	R866450
	Ø 0.9 mm, G657.A2 fiber, buffer and fiber color green	2100 m	R866451
	Ø 0.9 mm, G657.A2 fiber, buffer and fiber color blue	2100 m	R866452
	Ø 0.9 mm, G657.A2 fiber, buffer and fiber color yellow	2100 m	R866453
	Ø 0.9 mm, G657.A2 fiber, buffer and fiber color white	2100 m	R866454
	Ø 0.9 mm, G657.A2 fiber, buffer and fiber color gray	2100 m	R866455
	Ø 0.9 mm, G657.A2 fiber, buffer and fiber color violet	2100 m	R866456
	Ø 0.9 mm, G657.A2 fiber, buffer and fiber color brown	2100 m	R866457
	Ø 0.9 mm, G657.A2 fiber, buffer and fiber color orange	2100 m	R866458
	Ø 0.9 mm, G657.A2 fiber, buffer and fiber color black	2100 m	R866459
	Ø 0.9 mm, G657.A2 fiber, buffer and fiber color turquoise	2100 m	R866460
	Ø 0.9 mm, G657.A2 fiber, buffer and fiber color pink	2100 m	R866469
	Ø 0.9 mm, OM3 fiber, buffer and fiber color red	2100 m	R861315
	Ø 0.9 mm, OM3 fiber, buffer and fiber color green	2100 m	R861316
Ø 0.9 mm, OM3 fiber, buffer and fiber color blue	2100 m	R861317	
Ø 0.9 mm, OM3 fiber, buffer and fiber color yellow	2100 m	R861318	
Ø 0.9 mm, OM3 fiber, buffer and fiber color white	2100 m	R861319	
Ø 0.9 mm, OM3 fiber, buffer and fiber color gray	2100 m	R861320	
Ø 0.9 mm, OM3 fiber, buffer and fiber color violet	2100 m	R861321	
Ø 0.9 mm, OM3 fiber, buffer and fiber color brown	2100 m	R861322	
Ø 0.9 mm, OM3 fiber, buffer and fiber color orange	2100 m	R861323	
Ø 0.9 mm, OM3 fiber, buffer and fiber color black	2100 m	R861324	
Ø 0.9 mm, OM3 fiber, buffer and fiber color turquoise	2100 m	R861325	
Ø 0.9 mm, OM3 fiber, buffer and fiber color pink	2100 m	R864936	
Ø 0.9 mm, OM4 fiber, buffer and fiber color red	2100 m	R864937	
Ø 0.9 mm, OM4 fiber, buffer and fiber color green	2100 m	R864938	
Ø 0.9 mm, OM4 fiber, buffer and fiber color blue	2100 m	R864939	
Ø 0.9 mm, OM4 fiber, buffer and fiber color yellow	2100 m	R864940	
Ø 0.9 mm, OM4 fiber, buffer and fiber color white	2100 m	R864941	
Ø 0.9 mm, OM4 fiber, buffer and fiber color gray	2100 m	R864942	
Ø 0.9 mm, OM4 fiber, buffer and fiber color violet	2100 m	R864943	
Ø 0.9 mm, OM4 fiber, buffer and fiber color brown	2100 m	R864944	
Ø 0.9 mm, OM4 fiber, buffer and fiber color orange	2100 m	R864945	
Ø 0.9 mm, OM4 fiber, buffer and fiber color black	2100 m	R865591	
Ø 0.9 mm, OM4 fiber, buffer and fiber color turquoise	2100 m	R865592	
Ø 0.9 mm, OM4 fiber, buffer and fiber color pink	2100 m	R865593	



Ordering Information	Description	PU	Part Number
 <p>030.6838</p>	<b>Simplex Cables 1.7 mm, FRLSZH jacket</b>		
	0.9 mm tight-buffered fiber G657.A2, yellow	2100 m	R892626
	0.9 mm tight-buffered fiber OM3, turquoise	2100 m	R892616
	0.9 mm tight-buffered fiber OM4, heather violet	2100 m	R892617
	0.9 mm tight-buffered fiber OM5, lime green	2100 m	R892619
	<b>Simplex Cables 2.0 mm, FRLSZH jacket</b>		
	0.9 mm tight-buffered fiber G657.A2, yellow	2100 m	R866488
	0.9 mm tight-buffered fiber OM3, turquoise	2100 m	R866484
	0.9 mm tight-buffered fiber OM4, heather violet	2100 m	R866485
	0.9 mm tight-buffered fiber OM5, lime green	2100 m	R866486
	<b>Simplex Cables 2.4 mm, FRLSZH jacket</b>		
	0.9 mm tight-buffered fiber G657.A2, yellow	2100 m	R892632
	0.9 mm tight-buffered fiber OM3, turquoise	2100 m	R892628
	0.9 mm tight-buffered fiber OM4, heather violet	2100 m	R892629
	0.9 mm tight-buffered fiber OM5, lime green	2100 m	R892630
	<b>Simplex Cables 2.7 mm, FRLSZH jacket</b>		
0.9 mm tight-buffered fiber G657.A2, yellow	2100 m	R866493	
0.9 mm tight-buffered fiber OM3, turquoise	2100 m	R866489	
0.9 mm tight-buffered fiber OM4, heather violet	2100 m	R866490	
0.9 mm tight-buffered fiber OM5, lime green	2100 m	R866491	
<b>Simplex Cables 3.0 mm, FRLSZH jacket</b>			
0.9 mm tight-buffered fiber G657.A2, yellow	2100 m	R866498	
0.9 mm tight-buffered fiber OM3, turquoise	2100 m	R866494	
0.9 mm tight-buffered fiber OM4, heather violet	2100 m	R866495	
0.9 mm tight-buffered fiber OM5, lime green	2100 m	R866496	

# Duplex Cables & MicroCore Cables

Ordering Information	Description	PU	Part Number
 <p>030.6802</p>	<b>Zip-Cord Ø 2.0 x 4.2 mm, FRLSZH jacket</b>		
	0.9 mm tight-buffered fiber G657.A2, yellow	2100 m	R866503
	0.9 mm tight-buffered fiber OM3, turquoise	2100 m	R866499
	0.9 mm tight-buffered fiber OM4, heather violet	2100 m	R866500
	0.9 mm tight-buffered fiber OM5, lime green	2100 m	R866501
	<b>Zip-Cord Ø 2.7 x 5.6 mm, FRLSZH jacket</b>		
	0.9 mm tight-buffered fiber G657.A2, yellow	2100 m	R866508
	0.9 mm tight-buffered fiber OM3, turquoise	2100 m	R866504
 <p>030.6414</p>	<b>MiniCore MF Cable 12 fibers Ø 3.0 mm, FRLSZH jacket</b>		
	G657.A2, yellow	2100 m	R866570
	OM3, turquoise	2100 m	R866567
	OM4, heather violet	2100 m	R866568
	OM5, lime green	2100 m	R866569
	<b>MiniCore MF Cable 24 fibers Ø 3.6 mm, FRLSZH jacket</b>		
	G657.A2, yellow	2100 m	R866574
	OM3, turquoise	2100 m	R866571
OM4, heather violet	2100 m	R866572	
OM5, lime green	2100 m	R866573	



# Tools & Testing Equipment

## Features

### **Security**

Minimum excentricity

### **Stability**

Worst-case measurement thanks to fiber position in lower sector (singlemode)

### **Service**

Test protocol with exact fiber position





030.6199

# Tools and Testing Equipment

## Reference Cord




### Features

- Minimum excentricity
- Long term durability due to zirconia (ceramic) ferrule
- Worst-case measurement thanks to fiber position in lower sector (singlemode)
- Maximum repeatability
- Test protocol with exact fiber position

 Ceramic = zirconia ceramic alignment sleeve




090.6636

Ordering Information	Description	PU	Part Number
 <p>090.6636</p>	<p><b>Reference Cord E-2000™ PC, R/2 -</b></p> <p>This reference connector is characterized by a highly precise fiber centricity of <math>G = 1.00\mu\text{m}</math> maximum. This means that an optimum measuring precision is ensured, giving you and your customers maximum reliability for each-to-each values of the measured connections.</p> <p><b>Scope of supply</b></p> <ul style="list-style-type: none"> <li>- Reference cord, 3 m</li> <li>- Test protocol, incl. IL and RL at 1310nm + 1550nm, fiber position</li> <li>- Interferometry test protocol</li> <li>- Box, black</li> </ul> <p><b>FC PC, Bm/3, OM3, 3 m</b></p>	1	R804262
 <p>090.6636</p>	<p><b>Reference Cord LC APC, R/1 -</b></p> <p>This reference connector is characterized by a highly precise fiber centricity of <math>G = 0.30\mu\text{m}</math> maximum. To guarantee worst-case measurement, the fibers are turned downward at an angle of <math>\pm 30^\circ</math>. This means that an optimum measuring precision is ensured, giving you and your customers maximum reliability for each-to-each values of the measured connections.</p> <p><b>Scope of supply</b></p> <ul style="list-style-type: none"> <li>- Reference cord, 3 m</li> <li>- Test protocol, incl. IL and RL at 1310nm + 1550nm, fiber position</li> <li>- Interferometry test protocol</li> <li>- Box, black</li> </ul> <p><b>E-2000™ APC, B/1, G.652.D, 3 m</b></p>	1	R804255
 <p>090.6636</p>	<p><b>Reference Cord LC PC, R/2 -</b></p> <p>This reference connector is characterized by a highly precise fiber centricity of <math>G = 0.30\mu\text{m}</math> maximum. To guarantee worst-case measurement, the fibers are turned downward at an angle of <math>\pm 30^\circ</math>. This means that an optimum measuring precision is ensured, giving you and your customers maximum reliability for each-to-each values of the measured connections.</p> <p><b>Scope of supply</b></p> <ul style="list-style-type: none"> <li>- Reference cord, 3 m</li> <li>- Test protocol, incl. IL and RL at 1310nm + 1550nm, fiber position</li> <li>- Interferometry test protocol</li> <li>- Box, black</li> </ul> <p><b>E-2000™ APC, B/1, G.652.D, 3 m</b></p>	1	R804256

# Tools and Testing Equipment

## Reference Cord

Ordering Information	Description	PU	Part Number
 <p>090.6636</p>	<p><b>Reference Cord SC PC, R/2 -</b></p> <p>This reference connector is characterized by a highly precise fiber centricity of <math>G = 0.30\mu\text{m}</math> maximum. To guarantee worst-case measurement, the fibers are turned downward at an angle of <math>\pm 30^\circ</math>. This means that an optimum measuring precision is ensured, giving you and your customers maximum reliability for each-to-each values of the measured connections.</p> <p><b>Scope of supply</b></p> <ul style="list-style-type: none"><li>- Reference cord, 3 m</li><li>- Test protocol, incl. IL and RL at 1310nm + 1550nm, fiber position</li><li>- Interferometry test protocol</li><li>- Box, black</li></ul>		
	<p><b>E-2000™ APC, B/1, G.652.D, 3 m</b></p>	1	R804254




### Features

- Long service life
- Latest fiber types
- Singlemode and multimode
- High attenuation accuracy
- Suitable for high-power applications
- Easy handling
- High return loss








090.6868

 Other launch fiber types on request.

Ordering Information	Description	PU	Part Number
 <p data-bbox="470 1019 542 1041">090.6868</p>	<p data-bbox="574 761 718 784"><b>Launch Fiber</b></p> <p data-bbox="574 795 1157 873">Launch fibers are delivered in a protective transportation box. Mode type: E9/125/250µm. Box dimensions: 195 x 160 x 32 mm.</p> <p data-bbox="574 884 742 907"><b>Scope of supply</b></p> <ul data-bbox="574 918 1204 1019" style="list-style-type: none"> <li>- Transportation box</li> <li>- Launch fiber 1000 m</li> <li>- Test protocol, incl. IL and RL at 1310nm + 1550nm, fiber position</li> <li>- Interferometry test protocol</li> </ul> <p data-bbox="574 1041 1069 1064"><b>E-2000™ APC, R/1 - FC PC, C/2, G.652.D, 1000 m</b></p> <p data-bbox="574 1075 1053 1097"><b>E-2000™ PC, R/2 - FC PC, C/2, G.652.D, 1000 m</b></p> <p data-bbox="574 1108 989 1131"><b>LC PC, R/2 - FC PC, C/2, G.652.D, 1000 m</b></p> <p data-bbox="574 1142 989 1164"><b>SC PC, R/2 - FC PC, C/2, G.652.D, 1000 m</b></p>	<p data-bbox="1117 1041 1141 1064">1</p> <p data-bbox="1117 1075 1141 1097">1</p> <p data-bbox="1117 1108 1141 1131">1</p> <p data-bbox="1117 1142 1141 1164">1</p>	<p data-bbox="1244 1041 1340 1064">R807761</p> <p data-bbox="1244 1075 1340 1097">R807760</p> <p data-bbox="1244 1108 1340 1131">R809805</p> <p data-bbox="1244 1142 1340 1164">R807762</p>

 Attenuation value in protocols include connector and fiber loss.









Ordering Information	Description	PU	Part Number
 <p>090.5143</p>	<p><b>Red Light Source</b></p> <p>Red light source (wavelength 640 nm) for 2.5 + 1.25 mm ferrules for connectors E-2000™, FC, SC, ST, LC and MU.</p> <p><b>Scope of supply</b></p> <ul style="list-style-type: none"> <li>- Red light source</li> <li>- Adapter for ferrule 1.25 mm</li> <li>- Batteries</li> <li>- Case</li> </ul>		
	<p><b>2.5+1.25 mm ferrules</b></p> <p> Laser power 0.5 mW / -3dBm for approximately 3km fiber length.</p>	1	R504313
 <p>090.2960</p>	<p><b>Service Adapter E-2000™</b></p> <p>Simplifies the cleaning of the E-2000™ connector. Plugging the adapter in automatically opens the laser dust cover, releasing the ferrule.</p>	5	R316625
 <p>030.8048</p>	<p><b>Support-adapter cleaning sticks (Set)</b></p> <p>Simplifies the cleaning of E-2000, SC, LC Duplex Adapters. Plugging the stick in automatically pushes down the laser shutter.</p>	1	R859088
 <p>030.5816</p>	<p><b>Adapter-Tool</b></p>	1	R841481

### Features

- Easy handling
- Light and compact design
- Power supply independent



090.7160

Ordering Information	Description	PU	Part Number
	<b>Tool Kit FO Field</b> Assembling tool for connector FO Field.	1	R810212
	<b>Scope of supply</b>		
	- Tool case		R812786
	- Fiber fixation tool		R812784
	- Adapter for red light source reduction 2.5mm to 1.25mm		R812785
	- Adapter 2.5mm		R504313
	- Adapter 1.25mm		R813813
	- Red light source 650nm, 0.5mW		R812543
	- Dual hole fiber stripper		R810638
	- Stripping tool 0.6 - 2.6mm		
	- Kevlar scissor		
	- Bin for fiber piece		
	- Cleaning wipes		
	- Fiber marker, black		
	- Patch cord OM4, SC PC to LC PC, 3m		R813284
	- Patch cord OS2, SC PC to LC PC, 3m		R813285
	- Manual FO Field pigtail and patch cord		
			
090.7159			
			
090.5143			
			
090.7163			
			
090.7154			
	 Without cleaver		







090.7161

### Fiber Cleaver 8°

Novel 8° fiber cleaver from R&M for angled fiber connections. Designed for 10'000 cleaves (10 positions à 1'000 cleaves). Not suitable for fusion splicing!

1

R810207

Ordering Information	Description	PU	Part Number
 <p>090.2652</p>	<p><b>Crimping Tool</b>  <b>Scope of supply</b>                      – Crimping tool (without crimp dies)</p>	1	R316697
 <p>090.2651</p>	<p><b>Crimp Die</b>  <b>E-2000™/LC/SC (R&amp;M ferrule holder)</b>                      LC                      ST                      SC / FC                      IP67 (800N)</p>	1 1 1 1 1	R316696 R316720 R316721 R316722 R316770
 <p>030.6081</p>	<p><b>E-2000™ Housing Dismantle Tool</b></p>	1	R851104
 <p>030.6081</p>	<p><b>SC Inner Housing Dismantle Tool</b></p>	1	R851105

Ordering Information	Description	PU	Part Number
 <p>090.2924</p>  <p>090.2960</p>	<p><b>Cleaning Kit Case FO</b></p> <p><b>Scope of supply</b></p> <ul style="list-style-type: none"> <li>- Connector microscope, 200x magnification, micro adapters 1.25 mm and 2.5 mm (PC/APC), service adapter for E-2000™ connectors</li> <li>- Cletop dry cleaning cassette</li> <li>- Isopropyl alcohol dispenser, empty</li> <li>- Cleaning wipes (10x10 cm)</li> <li>- Ferrule Mate, 1.25 mm, to clean connectors directly at the patch panel (LC)</li> <li>- Ferrule Mate, 2.5 mm, to clean connectors directly at the patch panel (ST, SC, FC, E-2000™)</li> </ul> <p> Due to export restrictions we do not sell any alcohol. For cleaning purpose please use Isopropyl-Alcohol 99,7% which can be bought in any drug store / pharmacie.</p>	1	R319903
 <p>090.2927</p>	<p><b>Ferrule Mate</b></p> <p>Replacement Ferrule Mate for the FO cleaning kit case. To clean connectors (300 - 600x) directly at the patch panel.</p> <p><b>1.25 mm, for LC</b></p> <p><b>2.50 mm, for E-2000™/FC/SC/ST</b></p>	1	R319901
 <p>090.6685</p>	<p><b>IBC Brand Cleaner, MPO in adapters</b></p> <p>To clean of MPO connector in adapter.</p>	1	R803932
 <p>090.6686</p>	<p><b>Reel Cleaner, MPO connectors</b></p> <p>Designed for cleaning of MPO-male, also for other FO connectors usable.</p>	1	R803931
 <p>090.6687</p>	<p><b>Reel Cleaner Spare Cleaning Tabs , 6x</b></p> <p>Spare cleaning tapes for the reel cleaner MPO-male.</p>	1	R803933



# Assembled Cables

## Features

### **Performance**

Fully integrated IEC 61753 «each-to-each» performance

### **Quality**

100% factory tested

### **Reliable**

Long service life, periodical testing of all mechanical and thermal parameters



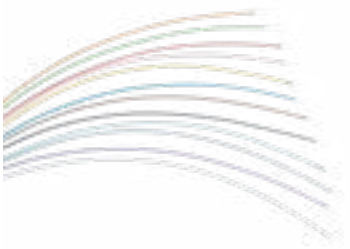


090.7265

## Features

- Integrated spring-loaded shutter for dust and scratching protection
- Locking type latched push-pull. Injection-molded PBT housing, UL 94 V-0 (flammability index)
- Semi-tight buffer Ø 0.9 mm one side fitted with E-2000™ connector



030.80525

Ordering Information	Description	PU	Part Number
 <p>090.7265</p>	<p><b>Pigtail Sets E-2000™ 12 Colors</b>                      Pigtail-sets with 12 different tube/fiber colors:                      yellow, green, blue, red, black, orange, gray, turquoise, pink, brown, violet and white.</p> <p><b>APC, green/green, G.652.D/G.657.A2, A/1, 2.5m</b>  <b>APC, green/green, G.652.D/G.657.A2, B/1, 2.5m</b>  <b>APC, green/green, G.652.D/G.657.A2, C/1, 2.5m</b>  <b>PC, blue/blue, G.652.D/G.657.A2, C/2, 2.5m</b>  <b>PC, beige/heatherviolet, OM4, Am/2, 2.5m</b>  <b>PC, beige/heatherviolet, OM4, Bm/3, 2.5m</b>  <b>PC, beige/turquoise, OM3, Am/2, 2.5m</b>  <b>PC, beige/turquoise, OM3, Bm/3, 2.5m</b></p>	<p>1 1 1 1 1 1 1 1</p>	<p>R853678 R844228 R847189 R855218 R848878 R845135 R848877 R845137</p>
 <p>030.8052</p>	<p><b>Pigtail E-2000™ APC, green/green</b>                      G.652.D yellow, C/1, 2.5 m</p>	<p>12</p>	<p>R30966</p>
 <p>030.8049</p>	<p><b>Pigtail E-2000™</b>                      PC, blue/blue, G.652.D/G.657.A2 yellow, C/2, 2.5 m                      PC, beige/turquoise, OM4 turquoise, Am/2, 2.5 m                      PC, beige/turquoise, OM4 turquoise, Bm/3, 2.5 m                      PC, beige/turquoise, OM3 turquoise, Am/2, 2.5 m                      PC, beige/turquoise, OM3 turquoise, Bm/3, 2.5 m</p>	<p>12 12 12 12 12</p>	<p>R30964 R812513 R802914 R812512 R802915</p>






## Features

- Compact design (SFF). 1.25 mm ferrule technology
- Locking type latched push-pull
- Semi-tight buffer Ø 0.9 mm one side fitted with LC connector



030.8054



Ordering Information	Description	PU	Part Number
 <p data-bbox="470 940 542 963">090.7265</p>	<p data-bbox="582 660 829 683"><b>Pigtail Sets LC, 12 Colors</b></p> <p data-bbox="582 694 1356 750">Pigtail-sets with 12 different tube/fiber colors: yellow, green, blue, red, black, orange, gray, turquoise, pink, brown, violet and white.</p> <p data-bbox="582 772 1340 795"><b>APC, green, G.652.D/G.657.A2, A/1, 2.5m</b> 1 R845425</p> <p data-bbox="582 801 1340 824"><b>APC, green, G.652.D/G.657.A2, B/1, 2.5m</b> 1 R844790</p> <p data-bbox="582 831 1340 853"><b>PC, blue, G.652.D/G.657.A2, B/2, 2.5m</b> 1 R843878</p> <p data-bbox="582 860 1340 882"><b>APC, green, G.652.D/G.657.A2, C/1, 2.5m</b> 1 R844792</p> <p data-bbox="582 889 1340 911"><b>PC, beige, OM5, Am/2, 2.5m</b> 1 R863585</p> <p data-bbox="582 918 1340 940"><b>PC, beige, OM5, Bm/3, 2.5m</b> 1 R863584</p> <p data-bbox="582 947 1340 969"><b>PC, beige, OM4, Am/2, 2.5m</b> 1 R848880</p> <p data-bbox="582 976 1340 999"><b>PC, beige, OM4, Bm/3, 2.5m</b> 1 R847136</p> <p data-bbox="582 1005 1340 1028"><b>PC, beige, OM3, Am/2, 2.5m</b> 1 R848879</p> <p data-bbox="582 1034 1340 1057"><b>PC, beige, OM3, Bm/3, 2.5m</b> 1 R845041</p>		
 <p data-bbox="470 1344 542 1366">030.8054</p>	<p data-bbox="582 1153 798 1176"><b>Pigtail LC APC, green</b></p> <p data-bbox="582 1187 949 1209">G.652.D/G.657.A2 yellow, C/1, 2.5 m</p>	12	R803524
 <p data-bbox="470 1612 542 1635">030.8051</p>	<p data-bbox="582 1422 798 1444"><b>Pigtail LC APC, beige</b></p> <p data-bbox="582 1456 869 1478">OM4 turquoise, Am/2, 2.5 m</p> <p data-bbox="582 1489 869 1512">OM4 turquoise, Bm/3, 2.5 m</p> <p data-bbox="582 1523 869 1545">OM3 turquoise, Am/2, 2.5 m</p> <p data-bbox="582 1556 869 1579">OM3 turquoise, Bm/3, 2.5 m</p>	12 12 12 12	R812517 R803549 R812516 R803548

## Features

- Locking type push-pull
- Injection-molded PBT housing, UL-listed
- Semi-tight buffer (PA/PBT) with strip ability  $\geq 1.5$  m



030.8053

Ordering Information	Description	PU	Part Number
 <p>090.7265</p>	<b>Pigtail Sets SC, 12 Colors</b> Pigtail-sets with 12 different tube/fiber colors: yellow, green, blue, red, black, orange, gray, turquoise, pink, brown, violet and white.		
	<b>APC, green, G.652.D/G.657.A2, A/1, 2.5m</b>	1	R855223
	<b>APC, green, G.652.D/G.657.A2, B/1, 2.5m</b>	1	R844794
	<b>APC, green, G.652.D/G.657.A2, C/1, 2.5m</b>	1	R845332
	<b>PC, blue, G.652.D/G.657.A2, B/2, 2.5m</b>	1	R845142
	<b>PC, beige, OM4, Am/2, 2.5m</b>	1	R849229
	<b>PC, beige, OM4, Bm/3, 2.5m</b>	1	R843876
	<b>PC, beige, OM3, Am/2, 2.5m</b>	1	R849228
	<b>PC, beige, OM3, Bm/3, 2.5m</b>	1	R843982
	 <p>030.8050</p>	<b>Pigtail SC</b> <b>APC, green, G.652.D/G.657.A2 yellow, C/1, 2.5 m</b> <b>PC, blue, G.652.D/G.657.A2 yellow, C/2, 2.5 m</b> <b>PC, beige, OM4 turquoise, Am/2, 2.5 m</b> <b>PC, beige, OM4 turquoise, Bm/3, 2.5 m</b> <b>PC, beige, OM3 turquoise, Am/2, 2.5 m</b> <b>PC, beige, OM3 turquoise, Bm/3, 2.5 m</b>	12 12 12 12 12 12



# Passive Network Components

## Features

### Density

High packing density

### Modular

Maximum modularity and scalability

### Application

Easy retrofitting, easy installation







090.6669

## Scope of supply

- PLC splitter pre-assembled, Test report (100% tested)
- Available with E-2000, SC and LC duplex, other connectors on request



### Performance Specifications:

Port configuration	1x4	1x8	1x16	1x32	1x64
Mode type	SM 9/125μm (E9)				
Operating Wavelength	1260-1650nm				
Max. Insertion Loss@1310nm and 1550nm	≤ 7.0dB	≤ 10.4dB	≤ 13.5dB	≤ 17.0dB	≤ 20.5dB
Max. Insertion Loss@1260nm and 1650nm	≤ 7.4dB	≤ 10.8dB	≤ 14.0dB	≤ 17.4dB	≤ 21.0dB
Uniformity	≤ 0.8dB	≤ 1.0dB	≤ 1.3dB	≤ 1.5dB	≤ 1.8dB
Polarization Dependent Loss	≤ 0.2dB		≤ 0.3dB		≤ 0.4dB
Directivity	≥ 55dB				
Reflectance	≥ 50dB				
Operating Temperature	-40°C~+85°C				
Storage Temperature	-40°C~+85°C				
Package Dimension 250μm fiber	40(L)x4.0(W)x4.0(H)mm		45(L)x5.0(W) x4.0(H)mm	60(L)x7.0(W) x4.0(H)mm	60(L)x12.0(W) x4.0(H)mm
Package Dimension 0.9mm loose tube	60(L)x7(W)x4(H) mm				

### Performance Specifications:

Port configuration	2x4	2x8	2x16	2x32	2x64
Mode type	SM 9/125μm (E9)				
Operating Wavelength	1260-1650nm				
Max. Insertion Loss@1310nm and 1550nm	≤ 7.5dB	≤ 10.8dB	≤ 13.8dB	≤ 17.5dB	≤ 21.5dB
Max. Insertion Loss@1260nm and 1650nm	≤ 7.9dB	≤ 11.4dB	≤ 14.7dB	≤ 17.9dB	≤ 22.0dB
Uniformity	≤ 1.5dB		≤ 2.0dB	≤ 2.5dB	≤ 3.0dB
Polarization Dependent Loss	≤ 0.3dB		≤ 0.4dB		≤ 0.5dB
Directivity	≥ 55dB				
Reflectance	≥ 50dB				
Operating Temperature	-40°C~+85°C				
Storage Temperature	-40°C~+85°C				
Package Dimension 250μm fiber	45(L)x5.0(W)x4.0(H)mm		60(L)x7.0(W) x4.0(H)mm	60(L)x7.0(W) x4.0(H)mm	60(L)x12.0(W) x4.0(H)mm
Package Dimension 0.9mm loose tube	70(L)x7(W)x4(H)mm				



# Fibermanagement Products

## Features

### **Individual**

Splice trays arrangement

### **Modular**

Multifunctional and modular system

### **Design**

Compact splice trays with hinge





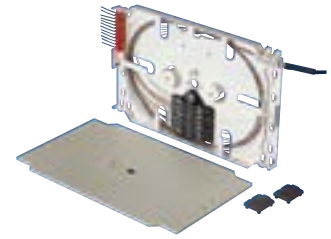


030.0620


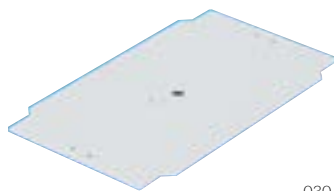

# Splice Trays, Radius 30 mm

## Features








- Capacity of 12 or 24 splice connections
- Stackable trays with hinges
- Min. 1.5 m spare length per fiber
- Cover to snap onto trays
- Storing option for unspliced fibers
- Bending radius 30 mm


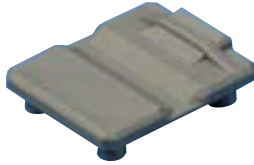
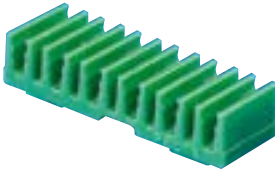



030.0132

Ordering Information	Description	PU	Part Number
 <p data-bbox="470 828 542 851">030.0081</p>	<p data-bbox="582 649 798 683"><b>Splice Tray R30, white</b></p> <p data-bbox="582 689 933 772">Color: pure white (RAL 9010). Material: plastic (ABS). Dimensions: 92x8x155 mm (WxHxD).</p>	100	R837965
 <p data-bbox="470 1086 542 1108">030.5737</p>	<p data-bbox="582 907 861 940"><b>Cover Splice Tray R30, white</b></p> <p data-bbox="582 947 1029 1086">Cover for Splice Tray R30. To protect the fibers. Hinged fastening. Color: pure white (RAL 9010). Material: plastic (ABS). Dimensions: 92x2x155 mm (WxHxD).</p>	100	R839780
 <p data-bbox="470 1344 542 1366">030.5735</p>	<p data-bbox="582 1164 686 1198"><b>Laser sign</b></p> <p data-bbox="582 1205 805 1232">Dimensions: 28x34 mm</p>	100	R840194

# Splice Holder

Ordering Information	Description	PU	Part Number
 <p>030.5732</p>	<p><b>Splice Holder, splice protection ANT</b></p> <p>Suitable for splice trays radius 30/35/40 mm. Max. capacity: 12 ANT splice protections. Color: black. Material: plastic (PA66). Dimensions: 40x5x35 mm (WxHxD).</p> <p><b>Scope of supply</b></p> <ul style="list-style-type: none"> <li>- Splice holder</li> <li>- Pastic screw</li> </ul>	100	R839781
 <p>030.5822</p>	<p><b>Splice Holder, splice protection ANT</b></p> <p>Suitable for splice trays radius 30/35/40 mm. Max. capacity: 12 ANT splice protections. Color: black. Material: plastic (PA66). Dimensions: 40x5x35 mm (WxHxD).</p> <p><b>Scope of supply</b></p> <ul style="list-style-type: none"> <li>- Splice holder</li> <li>- Pastic screw</li> </ul> <p> Applicable for heat shrinks with a diameter from 2.4 mm up to 2.6 mm.</p>	100	R839781
 <p>030.5734</p>	<p><b>Splice Holder, 12x shrink splice protection</b></p> <p>Suitable for splice trays radius 30/35/40 mm. Max. capacity: 12 (2x6) heat shrink splice protection. Color: black. Material: plastic (POM). Dimensions: 34x6.2x32 mm (WxHxD).</p> <p><b>Scope of supply</b></p> <ul style="list-style-type: none"> <li>- Splice holder</li> <li>- Pastic screw</li> </ul> <p> Applicable for heat shrinks with a diameter from 2.4 mm up to 2.6 mm.</p>	100	R839783
 <p>090.7733</p>	<p><b>Heat Shrink Splice Protection</b></p> <p>Shrink tube (Ø 3 mm), after shrink age (Ø 2.5 mm) with metal insert.</p>		
	<p><b>60 mm</b></p>	100	R839784
	<p><b>45 mm</b></p>	100	R839785
	<p><b>35 mm</b></p>	100	R839786
 <p>090.7730</p>	<p><b>ANT Splice Protector</b></p>	150	R840193

Ordering Information	Description	PU	Part Number
 <p>030.0101</p>	<p><b>Film Hinge Splice Tray R30/R40, blue</b></p> <p>For fastening stacked splice trays. Suitable for splice trays radius 30/40 mm.            Color: blue.            Material: plastic (PA66).            Dimensions: 12x5.5x13 mm (WxHxD)</p>	100	R839787
 <p>030.5736</p>	<p><b>Insert Hinge Splice Tray R30, gray</b></p> <p>For fastening the splice tray covers. Suitable for splice trays radius 30 mm.            Material: plastic (PP).            Dimensions: 15x5x18 mm (WxHxD).</p>	100	R839788
 <p>030.0107</p>	<p><b>Strain Relief 6 Fibers Ø 1.9-2.1 mm, green</b></p> <p>For the strain relief of 6 FO individual optical fibers of Ø 1.9 to 2.1 mm.            To snap onto splice trays radius 30/40 mm.            Color: green.            Material: plastic (PC).            Dimensions: 25x8x7.5 mm (WxHxD).</p>	100	R839790
 <p>030.0104.1</p>	<p><b>Strain Relief 24 Fibers Ø 0.9-1.1 mm, red</b></p> <p>For the strain relief of 24 FO individual optical fibers of Ø 0.9 to 1.1 mm.            To snap onto splice tray radius 30/40 mm.            Color: red.            Material: plastic (PC).            Dimensions: 33x6x5.4 mm (WxHxD).</p>	100	R839789



## Headquarters

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