



Fiber Optic Components

Product Catalog 2023



Table of Contents

	Contents	Page		Contents	Page
	E-2000 Components	6		Cables	60
	Connector			Pigtails	
	Adapter			Simplex cables	
				Duplex cables	
	LC Components	22		Tools & Testing Equipment	66
	LC Standard Connector			Reference Cords	
	LC-QuickRelease			Launch Fibers	
	Adapter			Support Tools	
				Tool Kit FO Field	
	SC Components	36		Crimp Tools	
	Connector			Cleaning Equipment	
	Adapter				
	MPO Adapter	44		Assembled Cables	76
	Adapter			Pigtails	
				Patch Cords	
	Cable Divider	50		Passive Network Components	82
	Fanouts			Splitter-Matrix	
	FO Field	54		Fibermanagement Products	86
	LC FO Field			Splice Trays	
	SC FO Field			Splice Holder	

Helpful Links

Training Videos



Website Links



Better Connected



Danger using fakes



Online Version Catalog



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

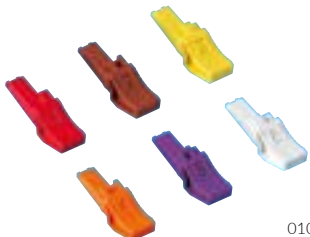
Connector E-2000™

Supporting tool

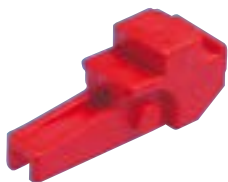
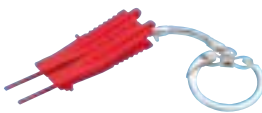
Ordering Information	Description	PU	Part Number
 090.2960	Service Adapter E-2000™ Simplifies the cleaning of the E-2000™ connector. Plugging the adapter in automatically opens the laser dust cover, releasing the ferrule.	5	R316625
 030.7877	Tuning Support Tool for Patch Cords for Pigtails	10 10	R817083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

Connector E-2000™

Accessories

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

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

Ordering Information	Description	PU	Part Number
 090.2392	Patch Guard E-2000™ / E-2000™-Compact Connector Patch Guard for E-2000™ and E-2000™-Compact connectors.	12	R314389
 090.2393	Key Patch Guard E-2000™-Simplex Connector Key to Patch Guard for E-2000™-Simplex connectors.	1	R314390
 090.2394	Key Patch Guard E-2000™-Compact Connector Key to Patch Guard for E-2000™-Compact connectors.	1	R314391
 090.3117	90° Boot R30 With the subsequent mountable 90° boot existing or new networks can be updated. The 90° boot guaranties an optimized fiber guidance (R>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.  For connectors IP20: all types E-2000™, LC and SC.	12	R505756

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Connector E-2000™

Pigtail Boot & Crimp Set

Ordering Information	Description	PU	Part Number
 030.6720	Boot LSH / SC / LC Pigtail 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
 090.7151	Crimp Set all Types E-2000™ / LC / SC, 1.7 mm cable 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
 090.7151	Crimp Set all Types E-2000™ / LC / SC, 1.9 mm cable 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 E-2000™

Pigtail Boot & Crimp Set

Ordering Information	Description	PU	Part Number
	Crimp Set all Types E-2000™ / LC / SC, 2.2 mm cable 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
	Crimp Set all Types E-2000™ / LC / SC, 2.6 mm cable 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
	Crimp Set all Types E-2000™ / LC / SC, 3.0 mm cable 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
030.5951	Adapter E-2000™ (screwable) Adapter E-2000™ with semi-transparent dust caps. Quick mounting clip and M2 thread integrated. Scope of supply – Adapter E-2000™ – 2 Philips head screws M2 x 4, blue galvanized		
	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
030.5952	Adapter E-2000™ (flangeless) Adapter E-2000™ flangeless with semi-transparent dust caps. Quick mounting clip integrated. Optimal front plate whickness: 1.3 mm / 1.7 mm Scope of supply – Adapter E-2000™		
	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
 090.7512	Frame E-2000™ Adapter, color coded		
	Color coding for E-2000™ adapter. Frame not mechanically coded.		
	green	1	R823208
	blue	1	R823209
	beige	1	R823210
	magenta	1	R823211
	turquoise	1	R823212
	orange	1	R823213
	red	1	R823214
	brown	1	R823215
	yellow	1	R823216
	violet	1	R823217
	white	1	R823218
	black	1	R823219
 090.7511	Frame E-2000™ Adapter, mechanically coded		
	Color coding for E-2000™ adapter. Frame mechanically coded.		
	code 1, red	12	R823220
	code 2, brown	12	R823221
	code 3, yellow	12	R823222
	code 4, orange	12	R823223
	code 5, violet	12	R823224
	code 6, white	12	R823225

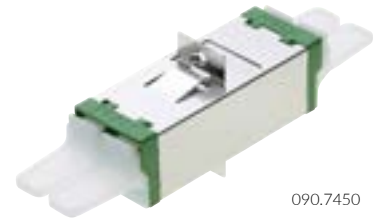
Adapter E-2000™ Compact

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
 090.7450	Adapter E-2000™-Compact (screwable) Adapter E-2000™-Compact with semi-transparent dust caps. Quick mounting clip and M2 thread integrated.		
	Scope of supply – 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



090.7452

Adapter E-2000™-Compact (flangeless)

Adapter E-2000™-Compact flangeless with semi-transparent dust caps. Quick mounting clip integrated. Optimal front plate thickness: 1.3 mm / 1.7 mm

Scope of supply

– 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
 090.7526	Adapter E-2000™-Compact (one channel) Adapter E-2000™-Compact flangeless with semi-transparent dust caps. Quick mounting clip integrated.		
	Scope of supply – Adapter E-2000™-Compact – Support plate		
	APC, green, ceramic SM, B	12	R823265
	PC, blue, ceramic SM, B	12	R823266
	PC, beige, ceramic, MM, M	12	R823267
	PC, black, ceramic, MM, M	12	R823268

Adapter E-2000™ Compact

Accessories

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

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LC Components

Features

Reliable

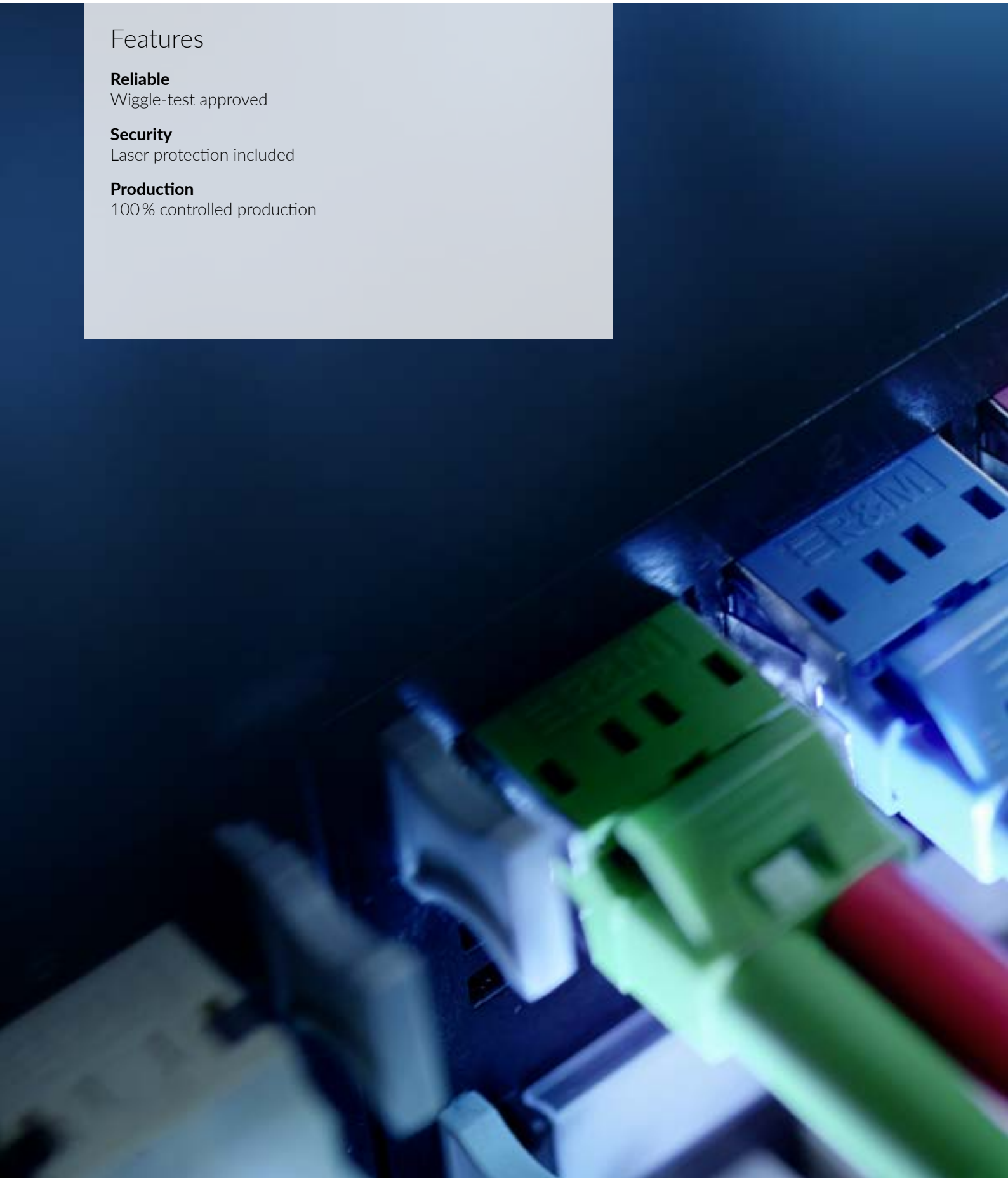
Wiggle-test approved

Security

Laser protection included

Production

100% controlled production





090.7483

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 Ø 0.6 mm and 35° dome angle



090.6521

Ordering Information	Description	PU	Part Number
 090.6521	Connector LC APC (pigtail) Scope of supply – Connector housing – Ferrule holder for pigtail incl. ferrule – White plastic dust cover – Two spacer sleeve per 100 connectors		
	APC, SM, green, 125.2 (+0.5/-0) µm, C0.5 µm	100	R851081
	APC, SM, green, 126.0 (+1/-0) µm, C1.0 µm	100	R851077
 090.6523	Connector LC PC (pigtail) Scope of supply – Connector housing – Ferrule holder for pigtail incl. ferrule – White plastic dust cover – Two spacer sleeve per 100 connectors		
	PC, SM, blue, 125.2 (+0.5/-0) µm, C0.5 µm	100	R851079
	PC, SM, blue, 126.0 (+1/-0) µm, C1.0 µm	100	R851075
	PC, MM, beige, 126.0 (+1/-0) µm, C1.0 µm	100	R851073
	PC, MM, beige, 127.0 (+2/-0) µm	100	R851071
 090.6522	Connector LC APC (patch cable) Scope of supply – Connector housing – Ferrule holder for patch cable incl. ferrule – White plastic dust cover – Two spacer sleeve per 100 connectors		
	APC, SM, green, 125.2 (+0.5/-0) µm, C0.5 µm	100	R851080
	APC, SM, green, 126.0 (+1/-0) µm, C1.0 µm	100	R851076
 090.6525	Connector LC PC (patch cable) Scope of supply – Connector housing – Ferrule holder for patch cable incl. ferrule – White plastic dust cover – Two spacer sleeve per 100 connectors		
	PC, SM, blue, 125.2 (+0.5/-0) µm, C0.5 µm	100	R851078
	PC, SM, blue, 126.0 (+1/-0) µm, C1.0 µm	100	R851074
	MM, beige, 126.0 (+1/-0) µm, C1.0 µm	100	R851072
	MM, beige, 127.0 (+2/-0) µm	100	R851070

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 Ø 0.6 mm and 35° dome angle



090.6521

Ordering Information	Description	PU	Part Number
 090.6521	Connector LC APC (pigtail) Scope of supply – Connector housing – Ferrule holder for pigtail incl. ferrule – White plastic dust cover – Two spacer sleeve per 100 connectors		
	APC, SM, green, 125.2 (+0.5/-0) µm, C0.5 µm PM	100	R882043
	APC, SM, green, 126.0 (+1/-0) µm, C1.0 µm PM	100	R882044
 090.6523	Connector LC PC (pigtail) Scope of supply – Connector housing – Ferrule holder for pigtail incl. ferrule – White plastic dust cover – Two spacer sleeve per 100 connectors		
	PC, SM, blue, 125.2 (+0.5/-0) µm, C0.5 µm PM	100	R882042
	PC, SM, blue, 126.0 (+1/-0) µm, C1.0 µm PM	100	R882041
	PC, MM, beige, 126.0 (+1/-0) µm, C1.0 µm PM	100	R882037
	PC, MM, beige, 127.0 (+2/-0) µm PM	100	R882038
 090.6522	Connector LC APC (patch cable) Scope of supply – Connector housing – Ferrule holder for patch cable incl. ferrule – White plastic dust cover – Two spacer sleeve per 100 connectors		
	APC, SM, green, 125.2 (+0.5/-0) µm, C0.5 µm PM	100	R882045
	APC, SM, green, 126.0 (+1/-0) µm, C1.0 µm PM	100	R882046
 090.6525	Connector LC PC (patch cable) Scope of supply – Connector housing – Ferrule holder for patch cable incl. ferrule – White plastic dust cover – Two spacer sleeve per 100 connectors		
	PC, SM, blue, 125.2 (+0.5/-0) µm, C0.5 µm PM	100	R882040
	PC, SM, blue, 126.0 (+1/-0) µm, C1.0 µm PM	100	R882039
	MM, beige, 126.0 (+1/-0) µm, C1.0 µm PM	100	R882035
	MM, beige, 127.0 (+2/-0) µm PM	100	R882036

Connector LC Standard

Accessories

Ordering Information	Description	PU	Part Number
 030.8037 Abbildung ähnlich	Spacer sleeve, LC dispensing 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).	10	R803487
 090.6519	Color Clip LC Connector, Color clip for LC connector. green blue turquoise orange beige violet heather violet	100 100 100 100 100 100 100	R802925 R802926 R802927 R802928 R802929 R802930 R846313
 090.5199	Color Clip LC-Duplex Connector, Color clip for LC-Duplex connector. green blue turquoise orange beige red yellow violet black heather violet	12 12 12 12 12 12 12 12 12 12	R508098 R508104 R508100 R508097 R508105 R508103 R508102 R508101 R508099 R846314
 090.5031	Plug Guard LC-Duplex Connector Plug Guard for LC-Duplex connector.	1	R508116
 090.5034	Key Plug Guard LC-Duplex Connector Key to Plug Guard for LC-Duplex connector.	1	R508117

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Connector LC Standard

Pigtail Boot & Crimp Set

Ordering Information	Description	PU	Part Number
 030.6720	Boot LSH / SC / LC Pigtail 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
 090.7151	Crimp Set all Types E-2000™ / LC / SC, 1.7 mm cable 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
 090.7151	Crimp Set all Types E-2000™ / LC / SC, 1.9 mm cable 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 LC Standard

Pigtail Boot & Crimp Set

Ordering Information	Description	PU	Part Number
	Crimp Set all Types E-2000™ / LC / SC, 2.2 mm cable 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
	Crimp Set all Types E-2000™ / LC / SC, 2.6 mm cable 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
	Crimp Set all Types E-2000™ / LC / SC, 3.0 mm cable 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

Connector LC QuickRelease

LC-QR Simplex & LC-QR Duplex

Features

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



030.5775

Ordering Information	Description	PU	Part Number
 030.6843	Connector LC-QR Simplex		
	APC 125.2µm C0.5µm	100	862973
	PC 125.2µm C0.5µm	100	862974
 030.6842	Pigtail Boot LC-QR Simplex		
	Boot LC-QR simplex Pigtail green	100	862977
	Boot LC-QR simplex Pigtail blue	100	862978
 030.6840	Boot LC-QR Simplex		
	Boot LC-QR simplex <2.4mm-green	100	862975
	Boot LC-QR simplex <2.4mm-blue	100	862976
 030.7048	Connector LC-QR Duplex		
	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
 030.5820	Crimpsets for LC-QR Simplex		
	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
 030.5771	Connector LC-QR Uniboot		
	APC 125.2µm C0.5 µm gn	50	R842203
	PC 125.2µm C0.5 µm bl	50	R841476
	PC 126µm C1.0 µm bk/tr	50	R842204
	PC 126µm C1.0 µm bk/hvt	50	R842205
 030.5820	Crimpsets for LC-QR Uniboot		
	Crimp sleeve 1.4-1.7mm	100	R841477
	Crimp sleeve 1.8-2.2mm	100	R841478
 030.6069	Twin Fiber Cable for LC-QR Uniboot		
	Twin Fiber Cable OM4-2x250 µm/1.4mm hv	2000	R849833
	Twin Fiber Cable OM3-2x250 µm/1.4mm tr	2000	R849834
	Twin Fiber Cable G.657.A2-2x250 µm/1.4mm ye	2000	R849835

Connector LC QuickRelease

Support Tools for LC-QR Uniboot assembling

Ordering Information	Description	PU	Part Number
 030.5815  030.5813  030.5812  030.5814	Assembling auxiliary tools for LC-QR 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.		
	Assembly tool LC-QR housing (Image 030.5815)	1	R837007
	Assembly Tool-LC-QR-Uniboot (Image 030.5813)	1	R873757
	Assembly Tool LC-QR Duplex Cable (Image 030.5812)	1	R837009
	Wire Stripper LC-QR-Coating (Image 030.5814)	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

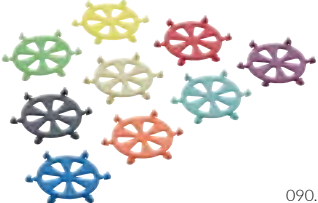


090.7332

Ordering Information	Description	PU	Part Number
090.7332	Adapter LC-Duplex (screwable) Adapter LC-Duplex with semi-transparent dust caps. Quick mounting clip and M2 thread integrated. Scope of supply – Adapter LC-Duplex – 2 Philips head screws M2 x 4, blue galvanized		
	APC, green, ceramic SM, C	12	R820415
	PC, blue, ceramic SM, C	12	R820416
	PC, lime, ceramic MM, M	12	R842200
	PC, heather violet, ceramic MM, M	12	R823205
	PC, turquoise, ceramic MM, M	12	R823203
	PC, beige, ceramic MM, M	12	R820417
090.7334	Adapter LC-Duplex APC (flangeless) LC-Duplex adapter flangeless with semi-transparent dust caps. Quick mounting clip integrated. Scope of supply – Adapter LC-Duplex		
	APC, green, ceramic SM, C	12	R820418
	PC, blue, ceramic SM, C	12	R820419
	PC, lime, ceramic MM, M	12	R842201
	PC, heather violet, ceramic MM, M	12	R823206
	PC, turquoise, ceramic MM, M	12	R823204
	PC, beige, ceramic MM, M	12	R820420
090.7863	Adapter frame «special» equipped with LC Duplex 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. Scope of supply – LC Duplex Adapter – Adapter frame special		
	APC, green, ceramic SM, C	10	R840200
	PC, blue, ceramic SM, C	10	R821302
	PC, beige, ceramic MM, M	10	R821303
	PC, turquoise, ceramic MM, M	10	R840201
	PC, heather violet, ceramic MM, M	10	R840203

Adapter LC

Accessories

Ordering Information	Description	PU	Part Number
 090.7478	Color coding Clip LC-Duplex Matching the LC-Duplex adapters. Six clips per block.		
	Color Coding Clip LC-Duplex Adapter, green	1	R820806
	Color Coding Clip LC-Duplex Adapter, blue	1	R820807
	Color Coding Clip LC-Duplex Adapter, ivory	1	R820808
	Color Coding Clip LC-Duplex Adapter, turquoise	1	R820810
	Color Coding Clip LC-Duplex Adapter, orange	1	R820809
	Color Coding Clip LC-Duplex Adapter, red	1	R820812
	Color Coding Clip LC-Duplex Adapter, yellow	1	R820811
	Color Coding Clip LC-Duplex Adapter, violet	1	R820814
	Color Coding Clip LC-Duplex Adapter, anthracite	1	R820813
 030.7396	Dust-cap LC Adapter Replacement dust caps fitting to LC adapters	100	R872839

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SC Components

Features

Security

Laserprotection included

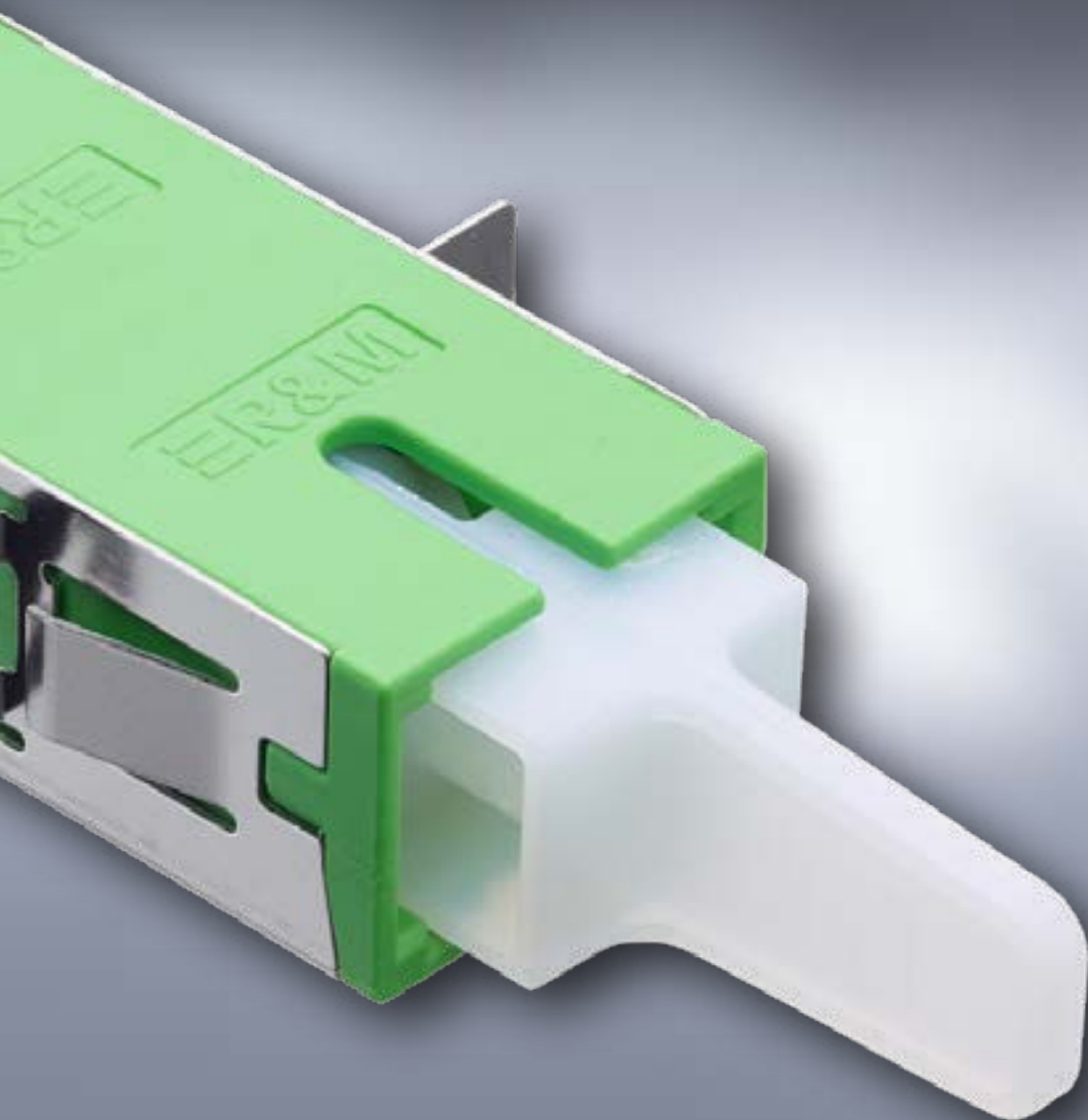
Performance

High power approved up to 4,5 Watts

Design

Certified by GL & UL





090.7705

Connector SC

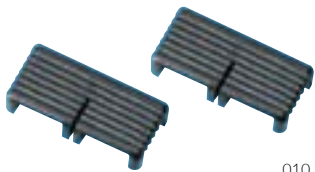
Simplex & Duplex

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
 030.5990	Connector SC APC Locking type push-pull. Injection-molded PBT housing, UL 94 V-0 (flammability index). Ferrule with end-face of Ø 0.5 mm and 45° dome angle. Scope of supply – Inner and outer connector housing – Ferrule holder incl. ferrule		
	SM, green, 125.2 (+05/-0) µm, C0.5 µm	100	R847362
	SM, green, 126.0 (+1/-0) µm, C1.0 µm	100	R847363
 030.5992	Connector SC PC Locking type push-pull. Injection-molded PBT housing, UL 94 V-0 (flammability index). Scope of supply – Inner and outer connector housing – Ferrule holder incl. ferrule		
	SM, blue, 125.2 (+0.5/-0) µm, C0.5 µm	100	R847364
	SM, blue, 126.0 (+1/-0) µm, C1.0 µm	100	R840220
	MM, beige, 126.0 (+1/-0) µm, C1.0 µm	100	R840221
	MM, beige, 127.0 (+3/-0) µm	100	R847816
 010.2382	Duplex Clip, R&M connector SC This clips make SC-Duplex applications possible. Color: black.	1	R306718
 030.6081	SC Inner Housing Dismantle Tool	1	R851105

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Connector SC

Pigtail Boot & Crimp Set

Ordering Information	Description	PU	Part Number
 030.6720	Boot LSH / SC / LC Pigtail 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
 090.7151	Crimp Set all Types E-2000™ / LC / SC, 1.7 mm cable 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
 090.7151	Crimp Set all Types E-2000™ / LC / SC, 1.9 mm cable 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

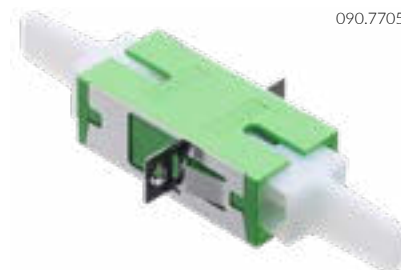
Pigtail Boot & Crimp Set

Ordering Information	Description	PU	Part Number
	Crimp Set all Types E-2000™ / LC / SC, 2.2 mm cable 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
	Crimp Set all Types E-2000™ / LC / SC, 2.6 mm cable 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
	Crimp Set all Types E-2000™ / LC / SC, 3.0 mm cable 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

Features

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

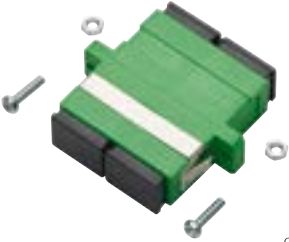
 Ceramic = zirconia ceramic alignment sleeve



090.7705

Ordering Information	Description	PU	Part Number
 090.7705	Adapter SC (screwable) SC adapter with semi-transparent dust caps. Quick mounting clip integrated. M2 nuts pre-mounted.		
	Scope of supply – SC adapter – 2 Philips head screws M2 x 4, blue galvanized		
	APC, green, ceramic SM, B, screwable	12	R806951
	PC, blue, ceramic SM, B, screwable	12	R806952
	APC, green, ceramic SM, C, screwable	12	R804288
	PC, blue, ceramic SM, C, screwable	12	R805044
	PC, beige, ceramic MM, M, screwable	12	R806948
 090.7708	Adapter SC (flangeless) SC adapter flangeless with semi-transparent dust caps. Quick mounting clip integrated. Optimal front plate thickness: 1.3 – 1.7mm		
	Scope of supply – SC adapter		
	APC, green, ceramic SM, B	12	R806949
	PC, blue, ceramic SM, B	12	R806950
	APC, green, ceramic SM, C	12	R803945
	PC, blue, ceramic SM, C	12	R804274
	PC, beige, ceramic MM, M	12	R804282
 090.7866	Adapter frame «special» equipped with SC Adapter frame «special» assembled with SC Simplex 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.		
	Scope of supply – Adapter SC – Adapter frame special		
	APC, green, ceramic SM, C	10	R840202
	PC, blue, ceramic SM, C	10	R822672
	PC, beige, ceramic MM, M	10	R822673

Adapter SC Duplex

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

MPO Components





070.7044

Connector MPO Female

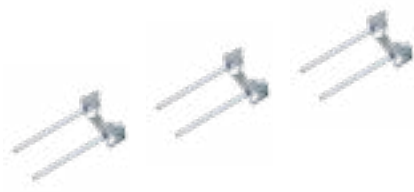
Features

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



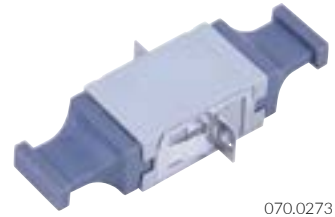
030.7869

Ordering Information	Description	PU	Part Number
 030.7870	MPO-QR Connector Set Female Scope of supply - MPO elite ferrule - Connector housing - female pin		
	MPO-QR Set 12 pole MM, turquoise MM, heather violet MM, lime green SM, yellow	1 1 1 1	R865615 R865617 R865619 R866607
 030.8292	MPO-QR Set 24 pole SM, yellow	1	R873290
	MM, heather violet	1	R873326
	MM, turquoise	1	R873327
	MM, lime green	1	R873332

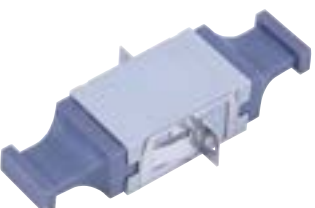
Ordering Information	Description	PU	Part Number
 030.7398	MPO-QR Connector Set Male		
	Scope of supply		
	- MPO elite ferrule		
	- Connector housing		
	- male pin		
	MPO-QR Set 12 pole		
	MM, turquoise	1	R866601
	MM, heather violet	1	R866603
	MM, lime green	1	R866605
	SM, yellow	1	R866609
	MPO-QR Set 24 pole		
	SM, yellow	1	R873288
	MM, heather violet	1	R873322
	MM, turquoise	1	R873324
	MM, lime green	1	R873330
	MPO-QR Male Pins		
	Scope of supply		
	- MPO male pins		
 030.7399	MM male pins	100	R872440
	SM male pins	100	R872803

Features

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



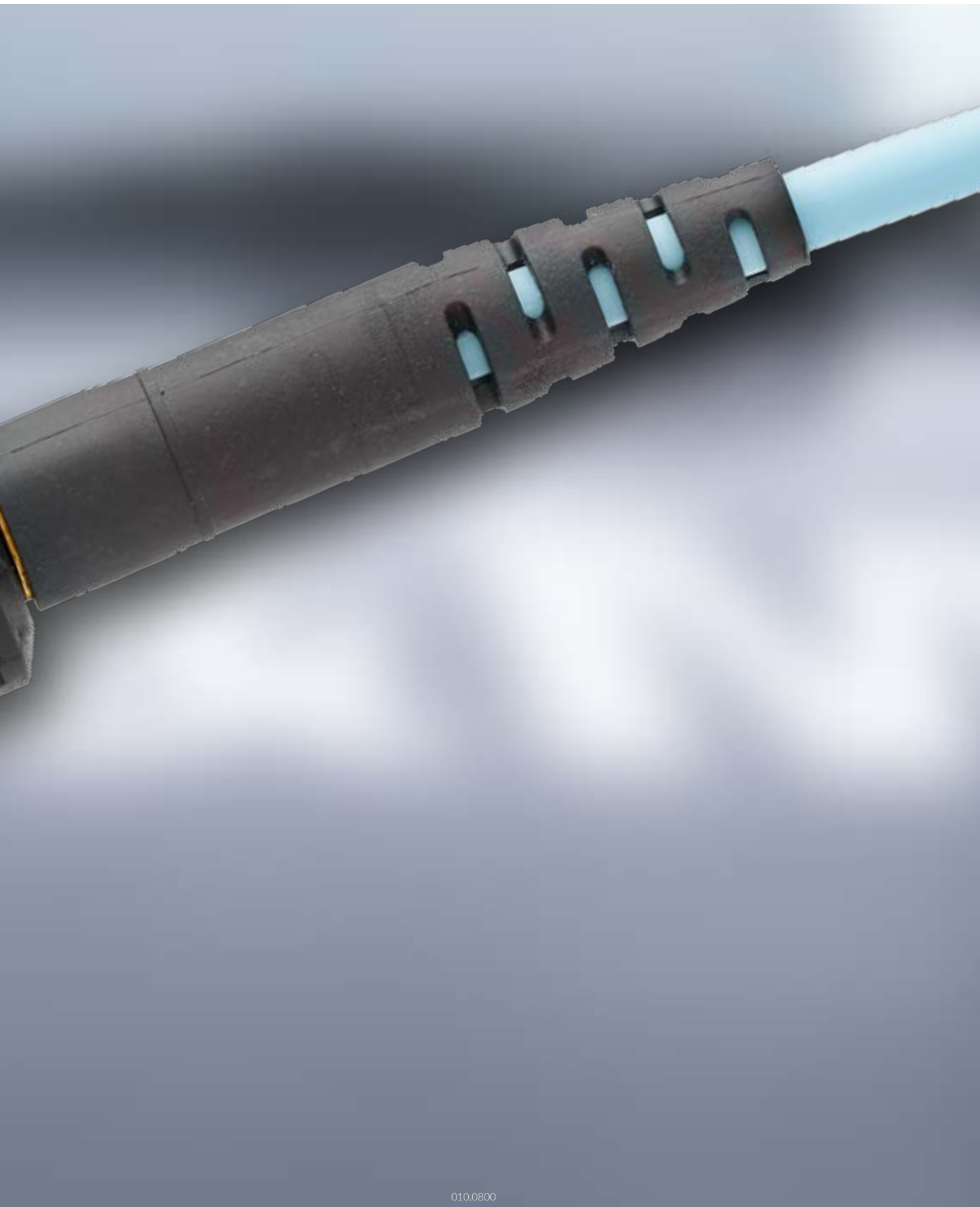
070.0273

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

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Cable Divider





010.0800

Ordering Information	Description	PU	Part Number
 030.7399	Divider-D12-cable $\varnothing \leq 3.8\text{mm}$	1	R872809
 030.7401	Divider-D12-24x1mm	1	R872810
 030.7400	Divider-D12-12x1mm	1	R872811
 030.7400	Divider-D12-2x2mm	1	855348

Ordering Information	Description	PU	Part Number
 030.6839_C1	Unfilled-Tubular-Cord-I-0,6/1,8-hv Unfilled Tubular Cord Ø 1,8 mm, 0,6 mm inner tube , FRLSZH jacket, heather violet	1	R898161
	Unfilled-Tubular-Cord-I-0,6/1,8-tr Unfilled Tubular Cord Ø 1,8 mm, 0,6 mm inner tube , FRLSZH jacket, turquoise	1	R898162
	Unfilled-Tubular-Cord-I-0,6/1,8-lm 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
 030.6320	FO Field LC, Grade Cf, APC, green 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.		
	G657.A fiber stub, 250µm fibers up to 0.9mm fibers	1	R846317
 030.6353	FO Field LC, Grade Cf, PC, blue 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.		
	G657.A fiber stub, 250µm fibers up to 0.9mm fibers	1	R846320
 030.6352	FO Field LC, Grade Bmf, PC, beige 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.		
	OM4 fiber stub, 250µm fibers up to 0.9mm fibers	1	R846322
	OM4 fiber stub, 250µm fibers up to 0.9mm fibers	10	R854519
	OM1 fiber stub, 250µm fibers up to 0.9mm fibers	1	R854508
	OM1 fiber stub, 250µm fibers up to 0.9mm fibers	10	R854747

Ordering Information	Description	PU	Part Number
 030.6433	FO Field SC, Grade Cf, APC, green 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.		
	G657.A fiber stub, 250µm fibers up to 0.9mm fibers	1	R846323
 030.6434	FO Field SC, Grade Cf, PC, blue 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.		
	G657.A fiber stub, 250µm fibers up to 0.9mm fibers	1	R846325
 030.6432	FO Field SC, Grade Bmf, PC, beige 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.		
	OM4 fiber stub, 250µm fibers up to 0.9mm fibers	1	R846327

FO Field

Patch Set

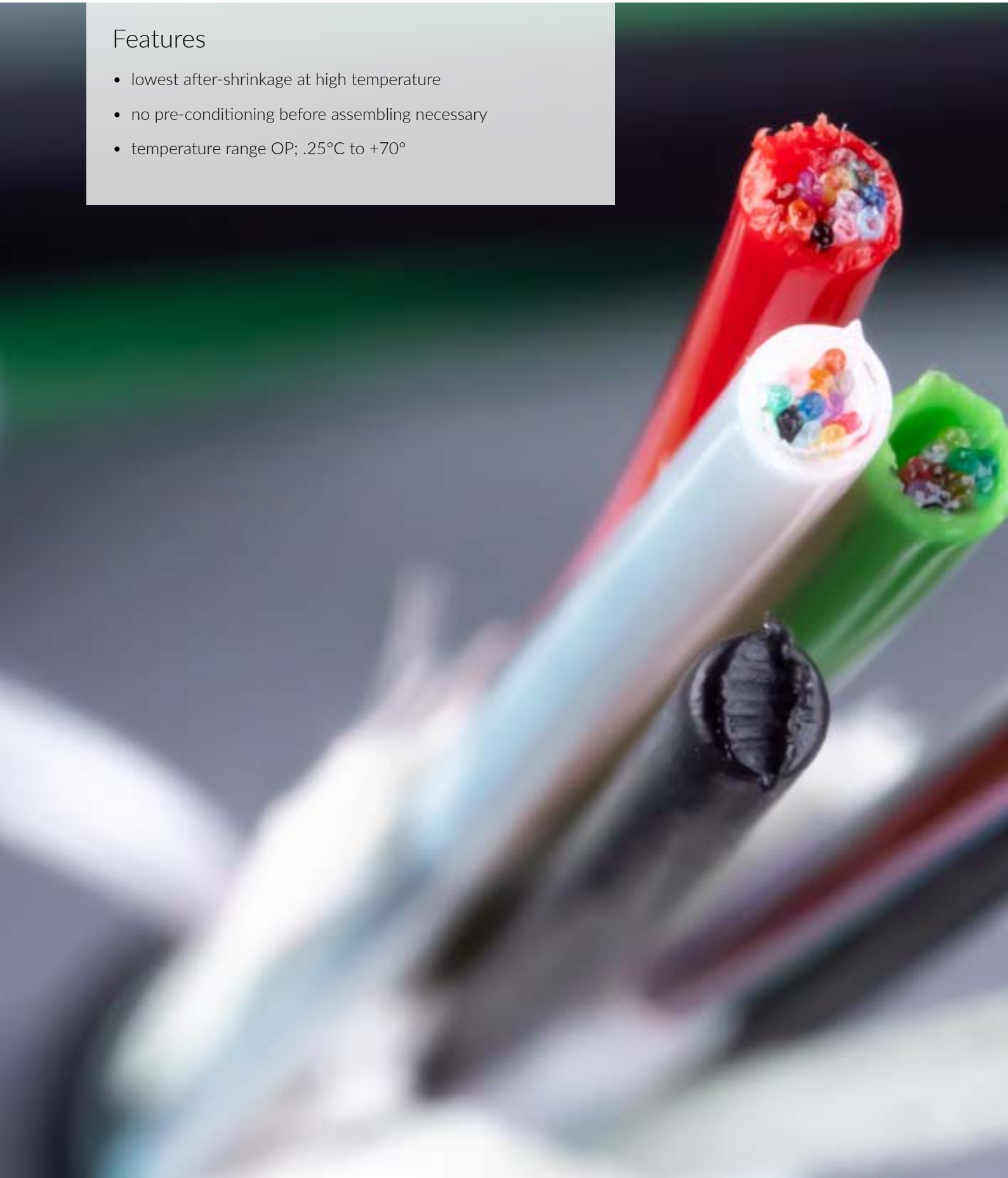
Ordering Information	Description	PU	Part Number
 021.4738	FO Field Patch set		
	2 mm	10	R841480
	3 mm	10	R841481
	Cat OP (2-3 mm)	10	R872831

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Cables

Features

- lowest after-shrinkage at high temperature
- no pre-conditioning before assembling necessary
- temperature range OP; .25°C to +70°





030.6482

Semi-tight Pigtail Tubes 0.9mm, easy strip

Ordering Information	Description	PU	Part Number
 030.6812	Pigtail Tubes 0.9 mm		
	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
 030.6838	Simplex Cables 1.7 mm, FRLSZH jacket		
	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
	Simplex Cables 2.0 mm, FRLSZH jacket		
	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
	Simplex Cables 2.4 mm, FRLSZH jacket		
	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
	Simplex Cables 2.7 mm, FRLSZH jacket		
	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
	Simplex Cables 3.0 mm, FRLSZH jacket		
	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
 030.6802	Zip-Cord Ø 2.0 x 4.2 mm, FRLSZH jacket		
	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
	Zip-Cord Ø 2.7 x 5.6 mm, FRLSZH jacket		
	0.9 mm tight-buffered fiber G657.A2, yellow	2100 m	R866508
	0.9 mm tight-buffered fiber OM3, turquoise	2100 m	R866504
	0.9 mm tight-buffered fiber OM4, heather violet	2100 m	R866505
	0.9 mm tight-buffered fiber OM5, lime green	2100 m	R866506
 030.6414	MiniCore MF Cable 12 fibers Ø 3.0 mm, FRLSZH jacket		
	G657.A2, yellow	2100 m	R866570
	OM3, turquoise	2100 m	R866567
	OM4, heather violet	2100 m	R866568
	OM5, lime green	2100 m	R866569
	MiniCore MF Cable 24 fibers Ø 3.6 mm, FRLSZH jacket		
	G657.A2, yellow	2100 m	R866574
	OM3, turquoise	2100 m	R866571
	OM4, heather violet	2100 m	R866572
	OM5, lime green	2100 m	R866573

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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
 090.6636	Reference Cord E-2000™ PC, R/2 - This reference connector is characterized by a highly precise fiber centricity of $G = 1.00\mu\text{m}$ 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. Scope of supply - Reference cord, 3 m - Test protocol, incl. IL and RL at 1310nm + 1550nm, fiber position - Interferometry test protocol - Box, black		
	FC PC, Bm/3, OM3, 3 m	1	R804262
 090.6636	Reference Cord LC APC, R/1 - This reference connector is characterized by a highly precise fiber centricity of $G = 0.30\mu\text{m}$ maximum. To guarantee worst-case measurement, the fibers are turned downward at an angle of $\pm 30^\circ$. 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. Scope of supply - Reference cord, 3 m - Test protocol, incl. IL and RL at 1310nm + 1550nm, fiber position - Interferometry test protocol - Box, black		
	E-2000™ APC, B/1, G.652.D, 3 m	1	R804255
 090.6636	Reference Cord LC PC, R/2 - This reference connector is characterized by a highly precise fiber centricity of $G = 0.30\mu\text{m}$ maximum. To guarantee worst-case measurement, the fibers are turned downward at an angle of $\pm 30^\circ$. 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. Scope of supply - Reference cord, 3 m - Test protocol, incl. IL and RL at 1310nm + 1550nm, fiber position - Interferometry test protocol - Box, black		
	E-2000™ APC, B/1, G.652.D, 3 m	1	R804256

Ordering Information	Description	PU	Part Number
 090.6636	Reference Cord SC PC, R/2 - This reference connector is characterized by a highly precise fiber centricity of $G = 0.30\mu\text{m}$ maximum. To guarantee worst-case measurement, the fibers are turned downward at an angle of $\pm 30^\circ$. 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. Scope of supply - Reference cord, 3 m - Test protocol, incl. IL and RL at 1310nm + 1550nm, fiber position - Interferometry test protocol - Box, black		
	E-2000™ APC, B/1, G.652.D, 3 m	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
 090.6868	Launch Fiber Launch fibers are delivered in a protective transportation box. Mode type: E9/125/250µm. Box dimensions: 195 x 160 x 32 mm.		
	Scope of supply - Transportation box - Launch fiber 1000 m - Test protocol, incl. IL and RL at 1310nm + 1550nm, fiber position - Interferometry test protocol		
	E-2000™ APC, R/1 - FC PC, C/2, G.652.D, 1000 m	1	R807761
	E-2000™ PC, R/2 - FC PC, C/2, G.652.D, 1000 m	1	R807760
	LC PC, R/2 - FC PC, C/2, G.652.D, 1000 m	1	R809805
	SC PC, R/2 - FC PC, C/2, G.652.D, 1000 m	1	R807762
	 Attenuation value in protocols include connector and fiber loss.		

Tools and Testing Equipment

Support Tools

Ordering Information	Description	PU	Part Number
 090.5143	Red Light Source Red light source (wavelength 640 nm) for 2.5 + 1.25 mm ferrules for connectors E-2000™, FC, SC, ST, LC and MU. Scope of supply – Red light source – Adapter for ferrule 1.25 mm – Batteries – Case		
	2.5+1.25 mm ferrules	1	R504313
	 Laser power 0.5 mW / -3dBm for approximately 3km fiber length.		
 090.2960	Service Adapter E-2000™ Simplifies the cleaning of the E-2000™ connector. Plugging the adapter in automatically opens the laser dust cover, releasing the ferrule.	5	R316625
 030.8048	Support-adapter cleaning sticks (Set) Simplifies the cleaning of E-2000, SC, LC Duplex Adapters. Plugging the stick in automatically pushes down the laser shutter.	1	R859088
 030.5816	Adapter-Tool	1	R841481

Features

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



090.7160

Ordering Information	Description	PU	Part Number
	Tool Kit FO Field Assembling tool for connector FO Field.	1	R810212
	Scope of supply		
	- 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

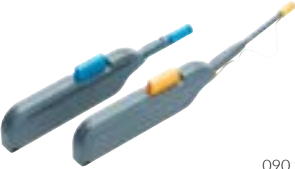
Fiber Cleaver 8°

1

R810207

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!

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

Ordering Information	Description	PU	Part Number
  090.2924 090.2960	Cleaning Kit Case FO Scope of supply - Connector microscope, 200x magnification, micro adapters 1.25 mm and 2.5 mm (PC/APC), service adapter for E-2000™ connectors - Cletop dry cleaning cassette - Isopropyl alcohol dispenser, empty - Cleaning wipes (10x10 cm) - Ferrule Mate, 1.25 mm, to clean connectors directly at the patch panel (LC) - Ferrule Mate, 2.5 mm, to clean connectors directly at the patch panel (ST, SC, FC, E-2000™)  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.	1	R319903 R316625
 090.2927	Ferrule Mate Replacement Ferrule Mate for the FO cleaning kit case. To clean connectors (300 - 600x) directly at the patch panel. 1.25 mm, for LC 2.50 mm, for E-2000™/FC/SC/ST	1 1	R319901 R319902
 090.6685	IBC Brand Cleaner, MPO in adapters To clean of MPO connector in adapter.	1	R803932
 090.6686	Reel Cleaner, MPO connectors Designed for cleaning of MPO-male, also for other FO connectors usable.	1	R803931
 090.6687	Reel Cleaner Spare Cleaning Tabs , 6x Spare cleaning tapes for the reel cleaner MPO-male.	1	R803933

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Assembled Cables

Features

Performance

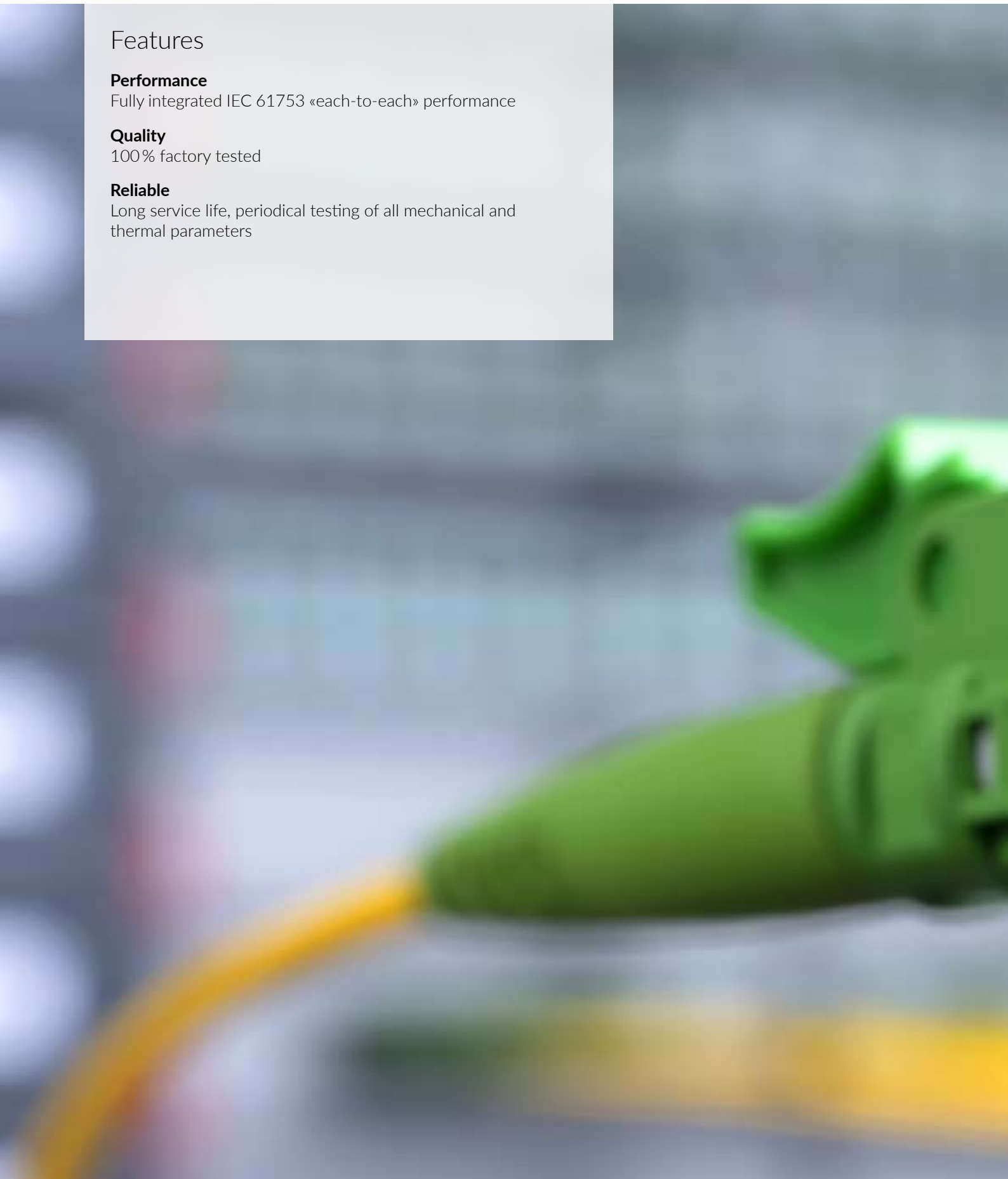
Fully integrated IEC 61753 «each-to-each» performance

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

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

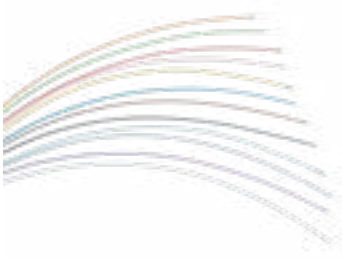
Ordering Information	Description	PU	Part Number
 090.7265	Pigtail Sets LC, 12 Colors		
	Pigtail-sets with 12 different tube/fiber colors: yellow, green, blue, red, black, orange, gray, turquoise, pink, brown, violet and white.		
	APC, green, G.652.D/G.657.A2, A/1, 2.5m	1	R845425
	APC, green, G.652.D/G.657.A2, B/1, 2.5m	1	R844790
	PC, blue, G.652.D/G.657.A2, B/2, 2.5m	1	R843878
	APC, green, G.652.D/G.657.A2, C/1, 2.5m	1	R844792
	PC, beige, OM5, Am/2, 2.5m	1	R863585
	PC, beige, OM5, Bm/3, 2.5m	1	R863584
	PC, beige, OM4, Am/2, 2.5m	1	R848880
	PC, beige, OM4, Bm/3, 2.5m	1	R847136
	PC, beige, OM3, Am/2, 2.5m	1	R848879
	PC, beige, OM3, Bm/3, 2.5m	1	R845041
 030.8054	Pigtail LC APC, green		
	G.652.D/G.657.A2 yellow, C/1, 2.5 m	12	R803524
 030.8051	Pigtail LC APC, beige		
	OM4 turquoise, Am/2, 2.5 m	12	R812517
	OM4 turquoise, Bm/3, 2.5 m	12	R803549
	OM3 turquoise, Am/2, 2.5 m	12	R812516
	OM3 turquoise, Bm/3, 2.5 m	12	R803548

Features

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



030.8053

Ordering Information	Description	PU	Part Number
 090.7265	Pigtail Sets SC, 12 Colors Pigtail-sets with 12 different tube/fiber colors: yellow, green, blue, red, black, orange, gray, turquoise, pink, brown, violet and white.		
	APC, green, G.652.D/G.657.A2, A/1, 2.5m	1	R855223
	APC, green, G.652.D/G.657.A2, B/1, 2.5m	1	R844794
	APC, green, G.652.D/G.657.A2, C/1, 2.5m	1	R845332
	PC, blue, G.652.D/G.657.A2, B/2, 2.5m	1	R845142
	PC, beige, OM4, Am/2, 2.5m	1	R849229
	PC, beige, OM4, Bm/3, 2.5m	1	R843876
	PC, beige, OM3, Am/2, 2.5m	1	R849228
	PC, beige, OM3, Bm/3, 2.5m	1	R843982
 030.8050	Pigtail SC		
	APC, green, G.652.D/G.657.A2 yellow, C/1, 2.5 m	12	R31015
	PC, blue, G.652.D/G.657.A2 yellow, C/2, 2.5 m	12	R31014
	PC, beige, OM4 turquoise, Am/2, 2.5 m	12	R812515
	PC, beige, OM4 turquoise, Bm/3, 2.5 m	12	R802912
	PC, beige, OM3 turquoise, Am/2, 2.5 m	12	R812514
	PC, beige, OM3 turquoise, Bm/3, 2.5 m	12	R307388

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Passive Network Components

Features

Density

High packing density

Modular

Maximum modularity and scalability

Application

Easy retrofitting, easy installation





090.6669

Passive Network Components

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				

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Fibermanagement Products

Features

Individual

Splice trays arrangement

Modular

Multifunctional and modular system

Design

Compact splice trays with hinge



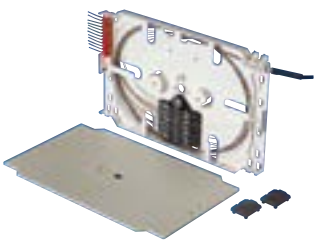


030.0620

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

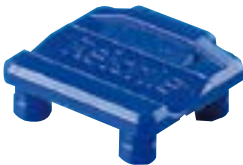
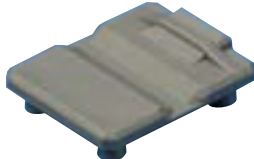
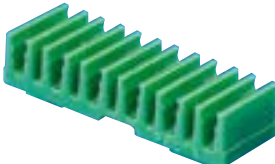
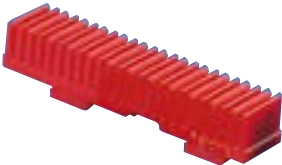


030.0132

Ordering Information	Description	PU	Part Number
 030.0081	Splice Tray R30, white Color: pure white (RAL 9010). Material: plastic (ABS). Dimensions: 92x8x155 mm (WxHxD).	100	R837965
 030.5737	Cover Splice Tray R30, white Cover for Splice Tray R30. To protect the fibers. Hinged fastening. Color: pure white (RAL 9010). Material: plastic (ABS). Dimensions: 92x2x155 mm (WxHxD).	100	R839780
 030.5735	Laser sign Dimensions: 28x34 mm	100	R840194

Splice Holder

Ordering Information	Description	PU	Part Number
 030.5732	Splice Holder, splice protection ANT Suitable for splice trays radius 30/35/40 mm. Max. capacity: 12 ANT splice protections. Color: black. Material: plastic (PA66). Dimensions: 40x5x35 mm (WxHxD). Scope of supply – Splice holder – Pastic screw	100	R839781
 030.5822	Splice Holder, splice protection ANT Suitable for splice trays radius 30/35/40 mm. Max. capacity: 12 ANT splice protections. Color: black. Material: plastic (PA66). Dimensions: 40x5x35 mm (WxHxD). Scope of supply – Splice holder – Pastic screw  Applicable for heat shrinks with a diameter from 2.4 mm up to 2.6 mm.	100	R839781
 030.5734	Splice Holder, 12x shrink splice protection 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). Scope of supply – Splice holder – Pastic screw  Applicable for heat shrinks with a diameter from 2.4 mm up to 2.6 mm.	100	R839783
 090.7733	Heat Shrink Splice Protection Shrink tube (Ø 3 mm), after shrink age (Ø 2.5 mm) with metal insert. 60 mm 45 mm 35 mm	 100 100 100	 R839784 R839785 R839786
 090.7730	ANT Splice Protector	150	R840193

Ordering Information	Description	PU	Part Number
 030.0101	Film Hinge Splice Tray R30/R40, blue For fastening stacked splice trays. Suitable for splice trays radius 30/40 mm. Color: blue. Material: plastic (PA66). Dimensions: 12x5.5x13 mm (WxHxD)	100	R839787
 030.5736	Insert Hinge Splice Tray R30, gray For fastening the splice tray covers. Suitable for splice trays radius 30 mm. Material: plastic (PP). Dimensions: 15x5x18 mm (WxHxD).	100	R839788
 030.0107	Strain Relief 6 Fibers Ø 1.9-2.1 mm, green 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).	100	R839790
 030.0104.1	Strain Relief 24 Fibers Ø 0.9-1.1 mm, red 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).	100	R839789

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