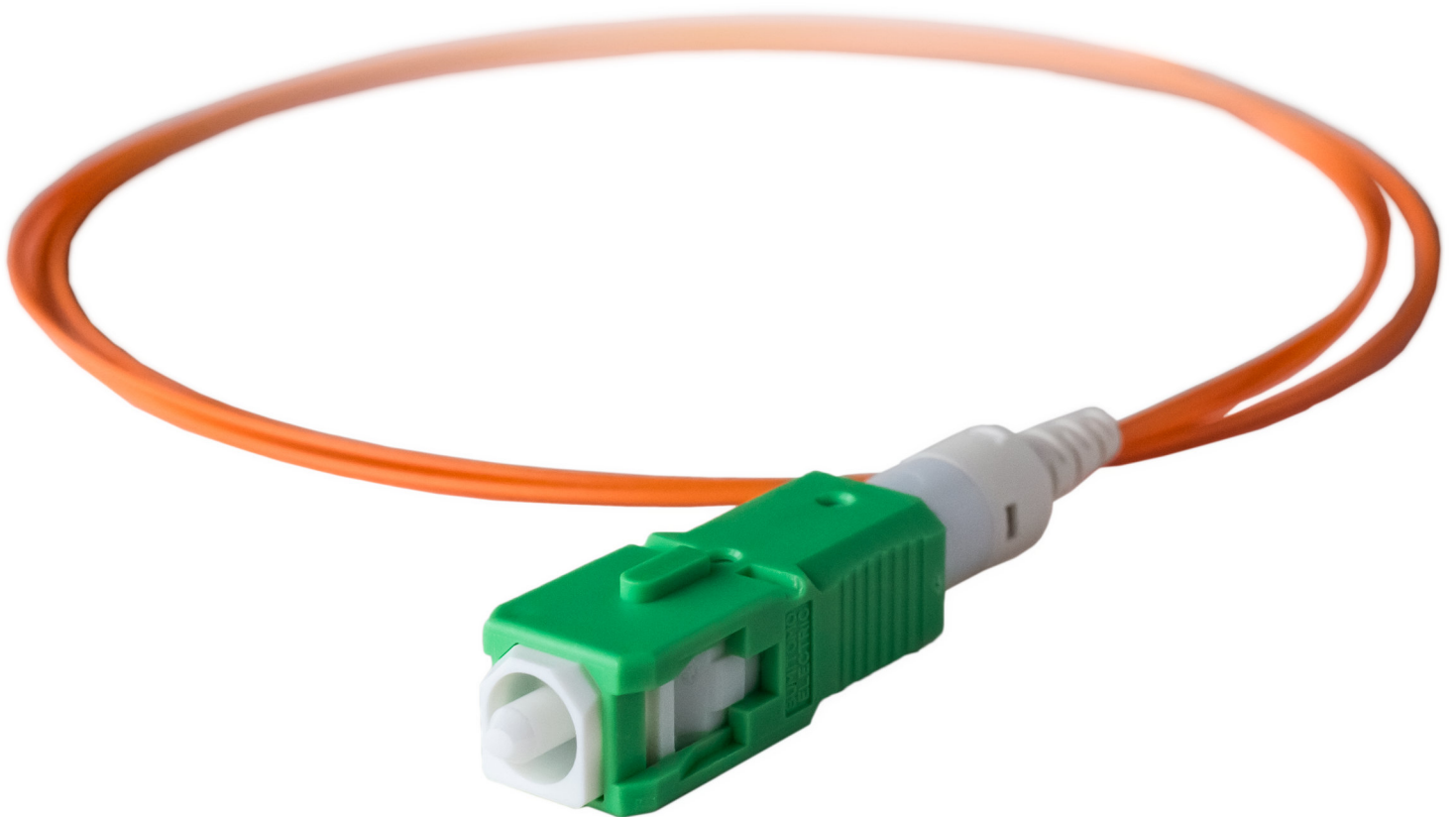


Quick-SC

Mechanical splice field assembly SC connector



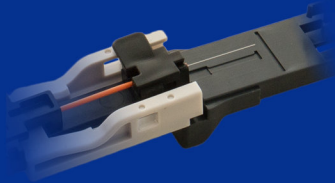
Quick fibre terminations

Factory polished ferrule

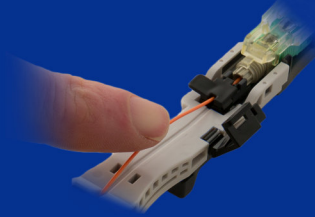
No polishing, no glue, just quick, simple and reliable

Requires minimal tools: only a fibre jacket remover, fibre cleaver and cleaning wipes and optionally, a VFL for testing

3 steps to quickly verify your connection



Measure the cleave length



Check for fibre bend



Verify with a VFL

Fibre	G652B & D, G657.A1 & A2		MMF 62.5(OM1,) 50(OM2) & 50(OM3)		
Applicable coating types	250um primary coating, 900um tight buffer or semi-tight buffer secondary coated fibre (Note 3)				
Applicable cord types	2mm & 3mm cord made with 900um tight buffer or semi-tight buffer secondary coated fibre (Note 3)				
Polishing	SPC or APC		PC		
Intermateability	IEC 61754-4 SC connector				
Qualification	TIA/EIA 568-C-3				
Insertion loss (Note 1)	SM SPC	SM APC	PC-M6(OM1)	PC-M5(OM2)	PC-M5(OM3)
- Typical	0.2dB	0.3dB		0.1dB	
- Maximum	≤0.5dB	≤0.75dB		≤0.3dB	
Tensile strength (straight)	250um 3N, 900um 5N, 2mm and 3mm cord 50N				
Return loss (Notes 1 & 2)	SM SPC	SM APC	PC-M6(OM1)	PC-M5(OM2)	PC-M5(OM3)
- Typical	50dB	60dB		35dB	
- Minimum	40dB	50dB		22dB	
Colour					
Note 1	With Sumitomo standard tools and master plug. Values include the mechanical splice joint between the fibre stub in the connector and the fibre which is being terminated. SM values measured at 1310nm, MM values measured at 850nm				
Note 2	Valid at 23±5°C				
Note 3	Not all semi-tight buffer fibres are compatible with Q-SC. Evaluation of applicability prior to ordering is recommended				
Note 4	Two fibre holders and two guide tools are included with every 100 connector kits purchased				

Ordering information

Item	Part number	Item	Part number
Q-SC-PC<50>-025/090-F-T	IC020PD0002	Q-SC-APC<SM>-025/090-A-T	IC020PD0004
Q-SC-PC<50>-2-F-T	IC020PD0011	Q-SC-APC<SM>-2-A-T	IC020PD0014
Q-SC-PC<50>-3-F-T	IC020PD0016	Q-SC-APC<SM>-3-A-T	IC020PD0019
Q-SC-PC<10G>-025/090-F-T	IC020PD0009	Q-SC-SPC<SM>-025/090-F-T	IC020PD0001
Q-SC-PC<10G>-2-F-T	IC020PD0013	Q-SC-SPC<SM>-2-F-T	IC020PD0010
Q-SC-PC<10G>-3-F-T	IC020PD0018	Q-SC-SPC<SM>-3-F-T	IC020PD0015
Q-SC-PC<62.5>-025/090-F-T	IC020PD0003	FC-8R-F cleaver with auto rotating blade	TA013PD0053
Q-SC-PC<62.5>-2-F-T	IC020PD0012	SE-AFC-08 cleaver for 8° end angles	TA013PD0049
Q-SC-PC<62.5>-3-F-T	IC020PD0017	FC-6RS-C cleaver with auto rotating blade	TA013PD0044
Cord stripper/Q-SC_Q-LC/1.6 2.0 & 3.0mm	IC007PD0194	Q-SC fibre holder and guide	IC007PD0195
JR-M03 Three-hole jacket remover	TA012PD0025	Fixture/for Q-SC cord assembly	IC007PD0197
Kevlar cutters	TA011PD0008		

Sumitomo Electric reserves the right to alter product specifications without notice E&OE

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