

Fibre optic SC-SOC connectors Q-Fiber

Description

Fibre optic SC-SOC connectors Q-Fiber is an innovative solution created for the needs of FTTX. Thanks to its small size (39mm) connector SC-SOC can be use as "no length" pigtail allowing direct termination of customers cable with connector and plugging into the device or outlet without using additional devices. It gives also savings in power budget of the FTTX network and that's very helpful for designers and fitters. The ferrule with output fibre is the most important element of the connector and it's polished in laboratory environment. Factory earned fibre extends only slightly out of the ferrule and hidden under the connectors housing splice gives hidden splice effect.

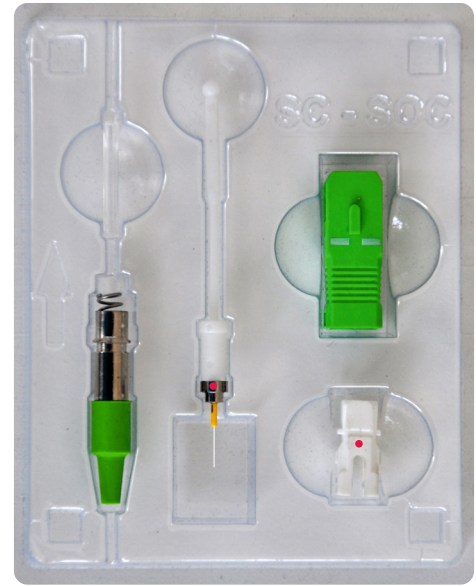
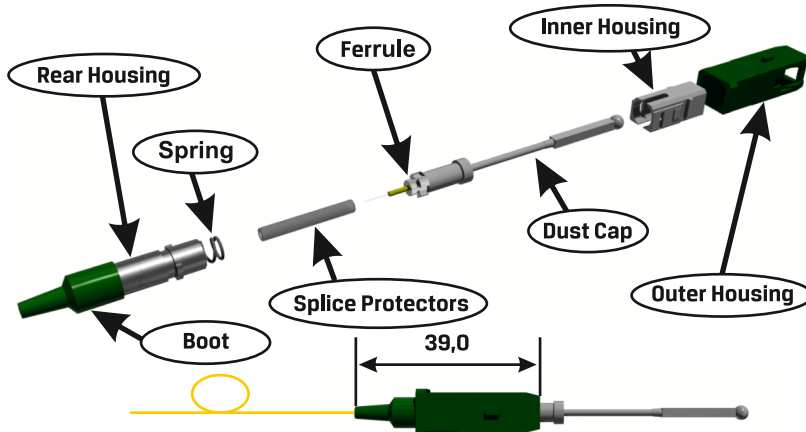
Application

Telecommunication, CATV, Monitoring, Industry, LAN, MAN, WAN, FTTx

Properties

- » Ceramic ferrule
- » In accordance with ZN-05/TP SA-044, ZN-96/TPSA-07, IEC 61754-4, IEC 61755
- » In accordance with RoHS

Connector construction



Polishing standard

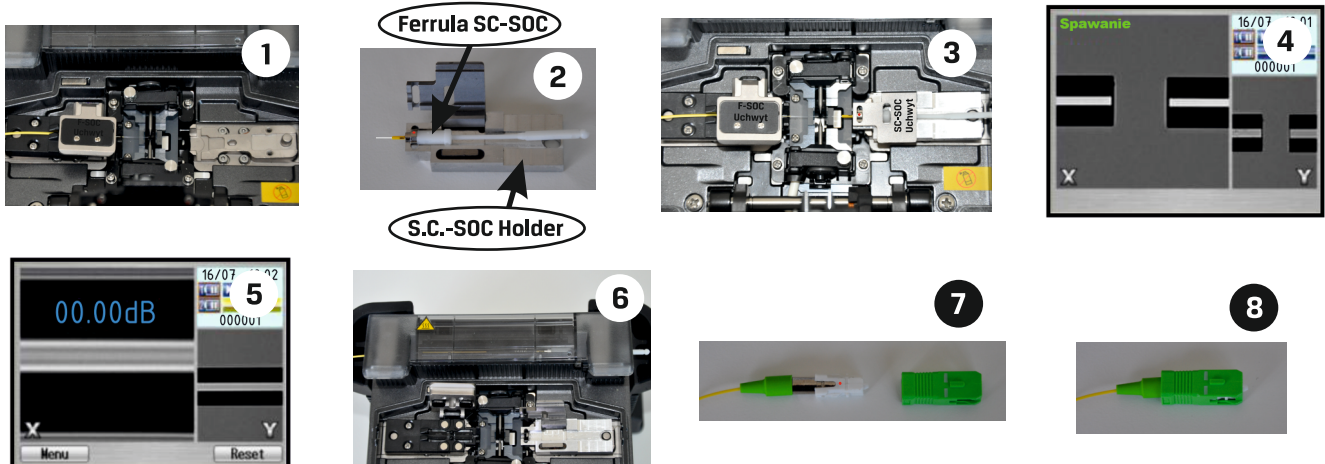
» APC 8°.

Parameters

	Ceramic ferrule (SC)	
	Standard	Premium
Maximum insertion loss [dB]	≤ 0,5 (klasa C)	≤ 0,25 (klasa B)
Typical insertion loss [dB]	≤ 0,25 (klasa C)	≤ 0,12 (klasa B)
Reflection [dB]	≥ 60 (klasa I)	≥ 60 (klasa I)
Radius of curvature [mm]	5 ± 12 (klasa C)	5 ± 12 (klasa B)
Apex offset [µm]	0 ± 50 (klasa C)	0 ± 50 (klasa B)
Maximum angle error [°]	0,3 (klasa C)	0,2 (klasa B)
Fiber height* [nm]	-100 ± A** (klasa C)	-60 ± A** (klasa B)

* negative value indicates the extension of a fibre
 ** calculated from the formula based on other geometric parameters, see technical requirements at www.dllpartners.de (or www.dll.com.pl)

Pictures



How to order

SC - SOC - fibre optic SC – SOC APC connector

Additional equipment

- » SC -SOC Holde – holder for splicer for SC-SOC connector,
- » SOC Holder – replaceable holder for splicer / fibre cutter.