

DATASHEET

Senko Connector FC/APC SM 3.0mm Connector (Metall) Boot (green)



General data

The high-quality FC/APC connector from Senko in metal/green is designed for the production and connection of single-mode fibre optic cables. With crimp connection type, connector design and OS2 fibre class, it is suitable for precise optical connections in the appropriate cable structure.

- Suitable for single-mode fibre applications with OS2 fibre class – Supports use in optical links with matching fibre class and is aimed at typical single-mode installations.
- FC/APC connector type in plug type with crimp connection type – Enables standardised connection of fibre optic cables.
- Ferrule with APC and supplied as a plug set including green strain-relief boot – Supports optical coupling and facilitates complete assembly.

The connector is based on a crimp connection type and a ferrule with APC. The design is intended for cables with a diameter of 3 mm. The metal/green connector is supplemented by a green strain-relief boot grommet. This supports clean assembly and mechanical protection of the assembly.

Technical details

- Connector type: FC/APC
- Type: Plug

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- Connection type: Crimping
- Cable diameter: 3 mm
- Ferrule angle: APC
- Brand: Senko
- Colour: metal/green
- Strain-relief boot colour: green
- Fibre class: OS2
- Suitable for fibre type: Single-mode
- Scope of delivery: 1x FC/APC connector set, 1x FC strain-relief boot

Technical properties

Connection type	Crimping
Durability	< 0.2db at 500 connection cycles
Inner diameter of the ferrule	127 µm
Material of ferrule	Circonia
Model	Plug
Operating temperature	-40 – 75 °C
Packaging	Polybag
Scope of delivery	1x FC Connector Kit, 1x FC Boot
Storage Temperature	-40 – 75 °C
Type of connector	FC

Available variants

ArtNr.	Bezeichnung	Anti-kink sleeve	Cable Ø	Colour	Suitable for type of fibre	Ferrule angle	Ferrule outer diameter	Typ. insertion Loss	Max. insertion Loss	Ferrule inner diameter	Return Loss			
53216.3	Connector FC MM 3.0mm Connector (Metall) Boot (black)	black	3.0 mm	metal	Multi mode	0° UPC	2.5 mm	≤0.20 dB	≤0.30 dB	125 µm	≥35 dB			
53216.4	Connector FC MM 2.0mm Connector (Metall) Boot (red)	red	2.0 mm	metal	Multi mode	0° UPC	2.5 mm	≤0.20 dB	≤0.30 dB	125 µm	≥35 dB			
53227.3	Senko Connector FC SM 3.0mm Connector (Metall) Boot (black)	black	3.0 mm	metal/blue	OS2	Single mode	0° UPC	28.0 mm	2.5 mm	≤0.08 dB	≤0.20 dB	125 µm	≥55 dB	

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53227.4	Senko Connector FC SM 3.0mm Connector (Metall) Boot (red)	red	3.0 mm	metal/blue	OS2	Single mode	0° UPC	28.0 mm	2.5 mm	≤0.08 dB	≤0.20 dB	125 μm	≥55 dB
53227.5	Senko Connector FC/APC SM 3.0mm Connector (Metall) Boot (green)	green	3.0 mm	metal/green	OS2	Single mode	8° APC	28.0 mm	2.5 mm	≤0.07 dB	≤0.15 dB	125 μm	≥65 dB

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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