

Pre-connectorized Waterproof Connector

This product is a small water-proof simplex SC connector. With a built-in SC connector core, its plastic enclosure is resistant to high and low temperatures, acid and alkali corrosion, and UV. A waterproof rubber gasket allows it to deliver IP68 water-proofing performance. It is applicable to 3.0&5.0 mm single-core round cables and FTTH bow-type drop cables.



Product Structure



Product Features

- Low insertion loss and high return loss.
- Spiral bayonet for long-term reliable connection.
- Guide mechanism permits one-hand blind mating and rapid installation.
- Seal design: water-proof, dust-proof, and corrosion-resistant.
- Compact, easy to operate, and durable.
- Compliant with RoHS standard.



Product Parameters

Connector Type	SC	
Optical Fibre	Single-mode	Multi-mode
Insertion Loss (dB)	Typical: 0.20; maximum: 0.30	Typical: 0.20; maximum: 0.30
Return Loss (dB)	PC ≥ 45, UPC ≥ 50, APC ≥ 60	NA
Standards Compliance	Compliant with Telcodia GR-326-CORE Issue 4, IEC 61754 series, YD/T 1272 series, and RoHS standards	
Operating Environment	-25°C to +70°C	-25°C to +70°C
Environmental Protection	Compliant with RoHS standard	Compliant with RoHS standard



Order Guide

A-end Connector	Polish Method	B-end Connector	Polish Method	Fibre Type	Cable Type	Length
SC	PC	SC	PC	G652D	2.0×5.3 mm	1 m
--	UPC	--	UPC	G657A2	5.0 mm	5 m
--	APC	--	APC	Customized	Customized	10 m
--	--	--	--	--	--	20 m
--	--	--	--	--	--	Customized