

HSCA Datasheet 01

HSCA Mini SC Pre-connectorized Connector Patch cord Drop cable 2*5mm



Product Description

This kind of Connector **Mini SC** is a type of waterproof reinforced connector which can used with 2*3.0mm, 2*5.0mm flat drop cable, round 3.0mm and 5.0mm cable.

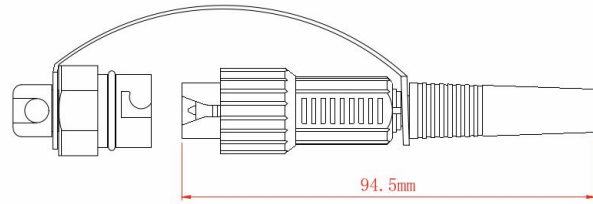
Features

- 1) Waterproof IP68 rated.
- 2) Suitable for different types cables.
- 3) Eliminate need for transmission in Indoor ONT.
- 4) Industry standard for existing FTTx Installation.
- 5) Rapid connection to external flush-mounted bulkhead adapter to closure or terminals.
- 6) Smaller profile and reduced bend-radius.
- 7) Robust design keeps connector intact during installation.

Application

- 1) FTTA Area;
- 2) Compatible with Huawei Device;
- 3) All IP68 waterproof applications.

Dimension (Unit: mm)



Technical Parameter

Items	Singlemode	Multimode
Insertion Loss	$\leq 0.3\text{dB}$	$\leq 0.3\text{dB}$
Return Loss	$\geq 50\text{dB(UPC)}; \geq 60\text{dB(APC)}$	$\geq 30\text{dB}$
Ceramic ferrule spec	125.5um concentricity deviations: $< 1\text{um}$	127um concentricity deviations: $< 3\text{um}$
Insert-pull test	500 times $< 0.3\text{dB}$	
Operation temperature	$-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$	
Suitable Cable	Round Cable: 5.0mm, 3.0mm and 2.0mm	
	Drop Cable: 5.0 x 2.0mm / 3.0 x 2.0mm	

Cable Assembly in Factory

Ø2.0x5.0mm



Ø2.0x3.0mm



Ø5.0mm



Ø3.0mm



Round Cable: 5.0mm, 3.0mm

Drop Flat Cable: 5.0 x 2.0mm / 3.0 x 2.0mm