

Fiber Connector, OPTI channel
Connector, ST-Style, Single Mode,
Black

By Hubbell Premise Wiring
Catalog # [FCSTS100R](#)



Fiber Connector, OPTI channel Connector, ST-Style, Single Mode,
Black

Features

- Rugged Crimp Strain Relief
- Compatible with Heat Cure Epoxy
- 900 micron and 3.0mm Cable Applications

Application

Interconnect

Performance

- Electrical - Insertion loss - 0.5dB typical, 0.75dB max
- Electrical - Multimode return loss - 20dB minimum
- Electrical - Singlemode return loss - 26dB minimum
- Environmental - Operating temperature - 0 °C to +75 °C
- Mechanical - Mating durability - 500 cycles, <
- 0.75dB

General

Adapter Type	ST
Catalog Number	FCSTS100R
EU RoHS Indicator	Yes
Enclosure Type	Various
Environmental Conditions	Indoor
Item Type	ST
Material	Ceramic
Material - Mounting Hardware	Fiber Termination, Field Polish
Repeatability	0.1 dB
Service Life	500 matings
Specifications	<ul style="list-style-type: none">• Connector body - Nickel plated brass

- Crimp insert - Nickel plated brass with polymer core
- Ferrule Material - Zirconia Ceramic
- Strain relief boot - UL-VO rated polymer

Style	Adhesive
Temperature Rating	0C to 70C
UPC	662620852386

Dimensions

Display Size	2.5 mm
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Electrical Ratings

Connectivity	Plug
Insertion Loss	0.75 dB Max
Return Loss	26

Conductor Related

Fiber Size	125 Micron
Fiber Type	Singlemode

Certifications And Compliance

Industry Standard(s)	<ul style="list-style-type: none">• Telcordia GR-326-CORE• TIA-568-C.3• TIA-604-FOCIS
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Product Assets

[Specifications - FCSTS100R Specification Sheet French](#)
[Specifications - FCSTS100R Specification Sheet English](#)