

FP-00C-XS0 FP-00C-YS0 Simplex Latching Plug

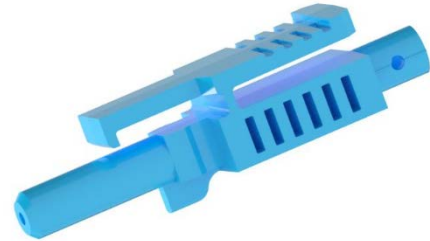


Data Sheet



DESCRIPTION

The Firecomms simplex latching plug offers robust performance for applications requiring high retention force. The latching mechanism provides a securely mated fit once inserted into a RedLink connector. Applying pressure to the rear of the plug releases the latching mechanism. This allow for easy removal of the plug from the connector. The simplex latching plug is available in both grey and blue colours.



Ordering Information

Part Number	Name	Description
FP-00C-XS0	RedLink Simplex Latching Plug, Blue	Blue latching simplex plug with crimp ring
FP-00C-YS0	RedLink Simplex Latching Plug, Grey	Grey latching simplex plug with crimp ring

FEATURES

- Cost-effective, rugged optical links
- Compatible with IEC 60793-2-40 Class A4a standard
- Compatible with Versatile Link connectors and fiber optic transmitter and receiver

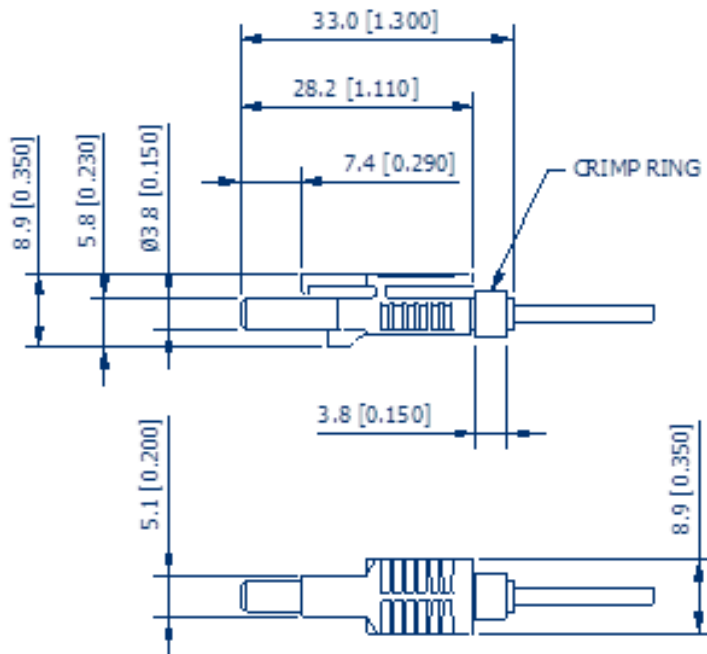
SPECIFICATIONS

Plug Specifications

Parameter	Symbol	Min	Typical	Max	Unit
Storage Temperature	T_{stg}	-40		+85	°C
Operating Temperature	T_{op}	-40		+85	°C
Installation Temperature	T_i	0		+70	°C
Retention Force, Connector to Transceiver (+25°C)	F_R	47			N
Retention Force, Connector to Transceiver (-40°C + 85°C)	F_R	11			N
Insertion Force, Connector to Transceiver (+25°C)	F_R			35	N
Durability, Mating Cycles		500			
Standards Compliance	IEC 61754-20 Edition 2				
Fixing Method	Crimp				

*Note: Values stated are attained using 650 nm, 2.2 mm fiber with a PE jacket and a 1 mm PMMA core

MECHANICAL DIMENSIONS



SIMPLEX LATCHING CONNECTOR