



- » Optical Signal Distribution
- » FTTx distribution system
- » Telecommunication networks
- » LAN and WAN networks
- » PON networks

Fiber Optic Field Connector - Single Thread



OPTICAL FIBERS

PON

PASSIVE OPTICAL NETWORKS



OPTICAL PASSIVES

1 year

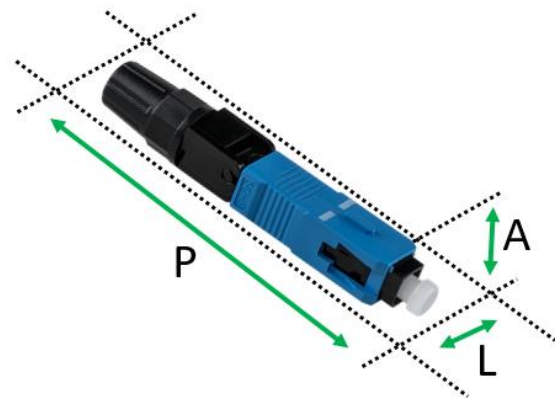
WARRANTY



The field connectors are designed to be used on drop flat cables (3 x 2 mm) making a connection with low optical loss and high tensile and impact strength. They can be reused up to 5 times, guaranteeing the same performance characteristics as in the first assembly. No special tools are required to assemble the connectors, only the standard fiber preparation process must be carried out. The connectors are available in SC models with UPC or APC polish, with cable assembly using the single screw method.

Connector details

L	A	P
8.7 mm	7.35mm	55mm



Available models

XFF 1RS
Connector with UPC polishing



XFF 2RS
Connector with APC polishing

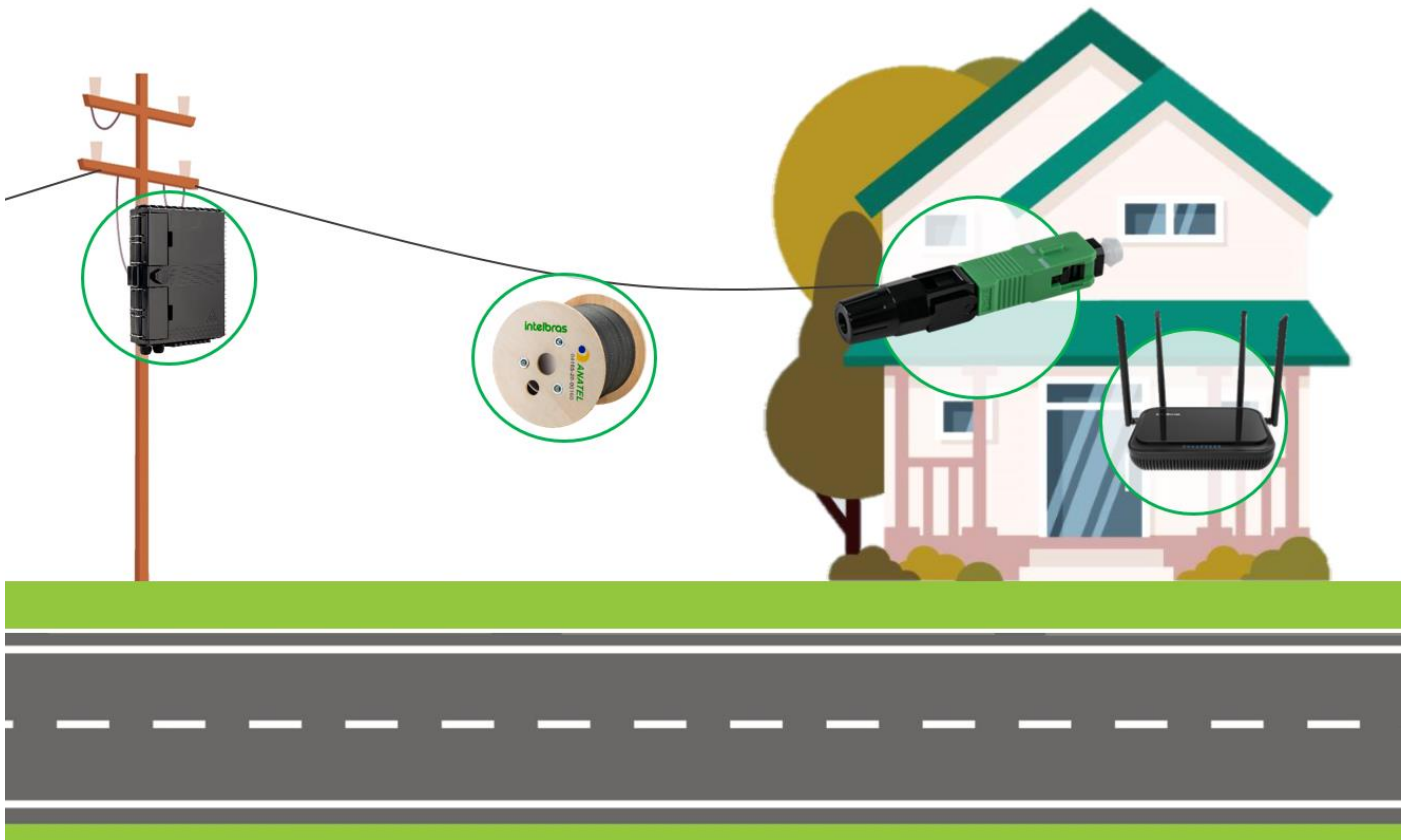


	XFF 1RS	XFF 2RS
Cable fixing	Screw	Screw
Fiber Type	Single-mode	Single-mode
Connector type	SC	SC
Polishing	UPC	APC
Cable	Drop 2x3 mm	Drop 2x3 mm
Insertion Loss (dB)	Avg \leq 0.3, Max \leq 0.5	Avg \leq 0.3, Max \leq 0.5
Return loss (dB)	UPC \geq 50	APC \geq 60
Repeatability	5 times	5 times
Operation Temp.	-25 °C to +75 °C	-25 °C to +75 °C
Humidity	95% (+40 °C)	95% (+40 °C)
Assembly time	\leq 2 min.	\leq 2 min.
Dimensions (L X A X P)	8.7 mm x 7.35 mm x 55 mm	8.7 mm x 7.35 mm x 55 mm
Tensile strength	50 N	50 N

Notes regarding use

- » Remove the protective cap only at the time of use.
- » Do not touch the connector's ferrule.
- » Never direct the end of the optical fiber or the optical connectors toward the eyes. Optical radiation can be harmful.

Application scenario



Understand nomenclature

