Optical adapter

ANATEL

XFA 1
XFA 2

OPTICAL
FIBERS

PON
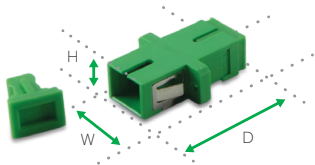PASSIVE OPTICAL
NETWORKS

OPTICAL
PASSIVES

1 year
WARRANTY

The SC type optic adapter is an accessory that accurately and safely performs the junction between two SC optical connectors. It can be used in various scenarios, such as ODF (Optical Internal Distributor), OTB (Optical Termination Box), OTP (Optical Termination Point), among others.

Intelbras optical adapters XFA 1 and XFA 2 were developed to reduce losses between network connections, performing the correct alignment between ferrules and connectors.

W	H	D
21,9 mm	9 mm	27,4 mm

5 g

Features

» FTTx distribution system
» LAN and WAN Networks
» PON Networks
» Data processing (CPD)

Technical Specifications

	XFA 1	XFA 2
Connector	SC	SC
Polishing	UPC	APC
Color	Blue	Green
Insertion loss (IL)	≤ 0.2 dB	≤ 0.2 dB
Return Loss (RL)	≥ 50 dB	≥ 60 dB
Operation temperature	-25 °C to 75 °C	-25 °C to 75 °C
Coupling type	Push-pull	Push-pull
Ferrule	Zirconia sleeve	Zirconia sleeve
Dimensions (W x H x D)	21.9 x 9 x 27.4 mm	21.9 x 9 x 27.4 mm

Available models

SC/UPC simplex optical adapter
XFA 1

SC/APC simplex optical adapter
XFA 2

Imagens ilustrativas

Notes regarding use

» Remove the protection cap only at the time of use.

» Never direct the end of the optical fiber or the optical connectors toward the eyes. Optical radiation can be harmful.

Application scenario

OLT 8820G

Splice box

Termination Box

SC/APC or SC/UPC optical adapter

ONU 110

ONU 110

intelbras