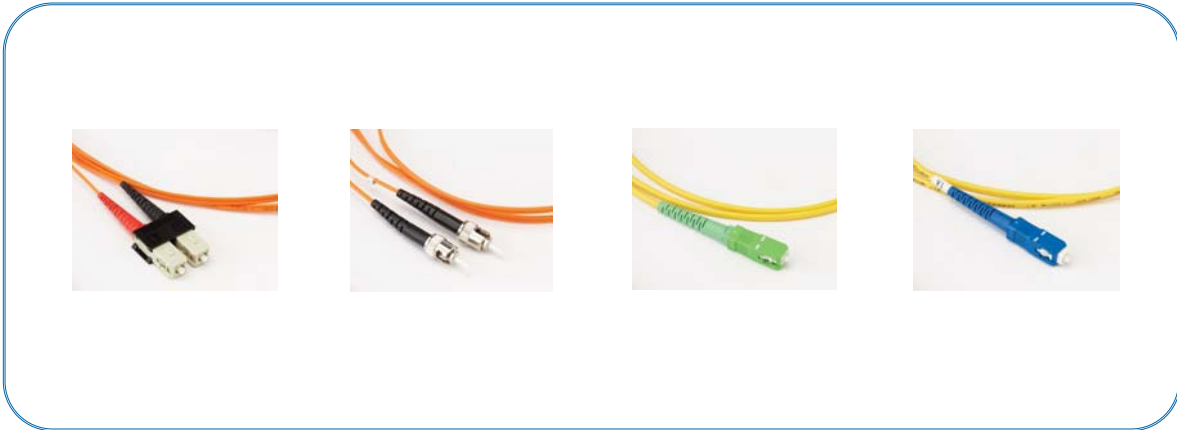


FieldSmart Fiber Crossover Distribution System (FxDS)



Indoor Jumper Cables



Application

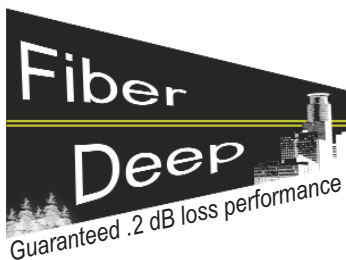
A fiber jumper, sometimes called a fiber patch cord is a length of fiber cabling fitted with connectors at each end. They are used to connect end devices or network hardware.

Description

Fiber assemblies are used in a variety of carrier networks and private network environments. The key to manufacturing high-performance fiber assemblies is controlling polish radius, apex offset and fiber undercut. Clearfield monitors its automated polishing process to exceed industry specifications for insertion and return loss, ensuring a top-quality product.

Features & Benefits

- Ultra Physical Contact (UPC) and/or Angled Physical Contact (APC) options available on SC and FC connectors
- A variety of connector styles available, including ST, SC, FC, and LC
- Insertion and return loss measurements provided with each assembly
- Riser and plenum jacket options available
- Available in simplex, dual-round and dual-zip configurations
- Custom assemblies available on virtually any type of cable
- All assemblies built with high-quality singlemode fiber optic cable and are built to exceed GR-326-CORE for insertion and return loss
- Each term shipped with testing documentation for I.L./R.L.



FxDS Indoor Jumper Cables

FieldSmart Fiber Crossover Distribution System (FxDS)



Indoor Jumper Cables

Specifications

Minimum Performance Specifications for Terminated SINGLEMODE Connectors					
Connector Type	Ferrule Material	Polish Type	Ins. Loss, Typical (dB)	Max. Ins. Loss (dB)	Min. Ret. Loss (dB)
ST	Ceramic	UPC	0.15	0.20	57.00
SC	Ceramic	UPC	0.15	0.20	57.00
FC	Ceramic	UPC	0.15	0.20	57.00
LC	Ceramic	UPC	0.15	0.20	55.00
SC	Ceramic	APC	0.20	0.20	70.00
FC	Ceramic	APC	0.20	0.20	70.00
LC	Ceramic	APC	0.20	0.20	70.00

Minimum Performance Specifications for Terminated MULTIMODE Connectors				
Connector Type	Ferrule Material	Polish Type	Ins. Loss, Typical (dB)	Max. Ins. Loss (dB)
ST	Ceramic	PC	0.25	<0.50
SC	Ceramic	PC	0.25	<0.50
FC	Ceramic	PC	0.25	<0.50
LC	Ceramic	PC	0.25	<0.50
ST	Stainless Steel	Flat	0.40	<0.75

Configured Part Numbers

P - - - Z - Z XXXM or XXXF

1 2 3 4 5 6 7

1 Select cable construction

A = Indoor, Riser Rated (IFC)
 C = Indoor, Plenum (IFC)
 E = OSP, Non-Rated
 F = 900um Tight Buffer

2 Select Mode / Type

1 = Singlemode
 A = Singlemode - Bend Insensitive
 3 = Multimode (62.5)
 5 = Multimode (50) - Non-Ribbon
 7 = Multimode (50) Laser Opt- Non-Ribbon

3 Select fiber count

001 = Simplex
 002 = Dual Zip

4 Select Connector # 2

A = SC UPC J = FC UPC
 B = SC UPC DX K = FC APC
 C = SC APC M = ST UPC
 D = SC APC DX N = MTRJ (f)
 E = LC UPC U = D4
 F = LC UPC DX Y = MU
 G = LC APC
 H = LC APC DX

5 Select jacket size

A = 900um
 B = 2 mm
 D = 3 mm
 E = 1.6 mm
 F = 1.8 mm
 G = 1.7 mm

6 Select Connector # 1

A = SC UPC J = FC UPC
 B = SC UPC DX K = FC APC
 C = SC APC M = ST UPC
 D = SC APC DX N = MTRJ (f)
 E = LC UPC U = D4
 F = LC UPC DX Y = MU
 G = LC APC Z = Pigtail
 H = LC APC DX

7 Select jacket size (must match the # 5 option)

A = 900um
 B = 2 mm
 D = 3 mm
 E = 1.6 mm
 F = 1.8 mm
 G = 1.7 mm

XXXM or XXXF

XXXF = Length of pigtail in feet
 XXXM = Length of pigtail in meters