

FieldSmart Fiber Delivery Point (FDP)

Ruggedized Jumpers



Application

These jumpers are ideal when splicing FTTH drops in the ONT/NID. Indoor cordage stiffens and retains cable memory in cold weather. These jumpers remain flexible even in extreme conditions. These assemblies also use bend-insensitive fiber to help eliminate bend radius issues inside the NID. These patch cords also work well in OSP cross-connect cabinets.

Description

Clearfield's Ruggedized OSP Jumpers can be ordered in any industry standard connector type. Custom lengths available upon request.

Features & Benefits

Integrity

- Optimized for use in extreme environments including:
 - FTTP deployments
 - ONT
 - NID
 - OSP pigtails to drop
 - OSP cross-connect cabinet
- Provides greater flexibility and resists sagging over traditional fiber optic cable in temperature extremes
- ITU Standard G.657.A bend-insensitive glass
- Ruggedized OSP rated patch cords remain flexible and durable whether the temperature outside is -55 °C to 85 °C which exceeds Telcordia standards
- Ruggedized polyurethane material resists sagging in temperature extremes
- GR-326 tested termination assures optical performance stability throughout the lifetime of the terminations

Recommendations

Clearfield recommends the use of Ruggedized OSP Jumpers when splicing in the NID or ONT. We also suggest 2 meter jumpers for use in FieldSmart cabinet applications. Clearfield stocks SC APC Ruggedized Jumpers for customer convenience.

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Specifications

Ruggedized Jumpers Specifications	
Core Size & Type	Singlemode (ITU G.657 A)
Fiber Mount	Simplex (1-fiber)
Jacket O.D.	2.0mm
Jacket Material	OSP Ruggedized - Polyurethane
Connector Type	SC UPC, SC APC, LC UPC
Operating Temperature	-55°C to +85°C (-67°F to +185°F)

Configured Part Numbers

P E A - 0 0 1 - [1] Z [2] - [3] Z [4] XXXM or XXXF

[1] Select Connector # 1 **[2] Select jacket size *** **[3] Select Connector # 2** **[4] Select jacket size *** **XXXM or XXXF**

A = SC UPC	J = FC UPC	B = 2 mm	A = SC UPC	J = FC UPC	B = 2 mm	XXXF = Length of assembly in feet XXXM = Length of assembly in meters
C = SC APC	K = FC APC		C = SC APC	K = FC APC	Z = Pigtail	
E = LC UPC	M = ST UPC		E = LC UPC	M = ST UPC		
G = LC APC			G = LC APC	Z = Pigtail		

* Options 2 and 4 must be the same unless the assembly is a pigtail.
 NOTE: OSP, ruggedized patchcords and pigtails come standard with bend insensitive fiber.