

FieldSmart Fiber Scalability Center (FSC)

Ruggedized Splitters



Application

High density splitter for OSP cabinet environments.

Description

The Clearfield FieldSmart Ruggedized Splitter is the standard splitter component in its line of FieldSmart FSC OSP Cabinets. The splitter addresses environmental and human handling issues that other standard splitters in the industry cannot combat. It provides improved fiber protect, management and maintenance in OSP FTTx deployments.



Features & Benefits

Integrity

- Terminations compliant to Telcordia GR-326
- Supports all industry standard singlemode and multimode connectors
- 100% performance tested for I.L./R.L. and final mechanical inspection
- Optical component configuration use GR 1221 / 1209 compliant devices
- RUS Listed

Protection

- Ruggedized jacket material of input and output legs provide superior flexibility in temperatures ranging from -55 C (-67 F) to +85 C (+185 F)
- Legs will not sag or wilt at extreme temperatures or during extreme temperature cycles

Access

- Individual splitters come preloaded in parking lot for easy access and turn-up
- Fiber separators every 17 inches to easily recognize and prevent twisting of fiber legs
- Each leg is 51 inches long and able to reach any port
- Each leg labeled for easy identification
- Red boot on input leg

Investment

- Splitter package supports (1) 1 x 32, (2) 1 x 16 or (4) 1 x 8 configurations without penalty in real estate or port counts
- Splitters can be used in our FieldSmart 288 Cabinet or our FieldSmart 576 Cabinet
- "Grow as you go." Only buy splitters as customer take rates increases
- SC UPC, SC APC, LC UPC or LC APC connectors

Specifications

Performance Minimum (After Termination)								
Type	IL	RL	PDL	Uniformity	Directivity	Operating Temp	Storage Temp	Wavelength Range nm
1 x 32	< 16.8 dB	> 50 dB	< .3 dB	< 1.7 dB	> 55 dB	-40 to 85 C	-40 to 85 C	1260-1650
1 x 16	< 13.8 dB	> 50 dB	< .3 dB	< 1.2 dB	> 55 dB	-40 to 85 C	-40 to 85 C	1260-1650
1 x 8	< 10.8 dB	> 50 dB	< .3 dB	< 0.8 dB	> 55 dB	-40 to 85 C	-40 to 85 C	1260-1650
1 x 4	< 7.5 dB	> 50 dB	< .3 dB	< 0.6 dB	> 55 dB	-40 to 85 C	-40 to 85 C	1260-1650

Ordering Guide

K C <u> </u> - <u> </u> A A	
<u>1</u>	<u>2</u>
1 Select (Qty) / Split Ratio	2 Select connector style
1 = (1) 1 x 32	6 = (3) 1 x 8
2 = (2) 1 x 16	7 = (4) 1 x 8
3 = (2) 1 x 8	8 = (1) 1 x 4
4 = (1) 1 x 16	9 = (2) 1 x 4
5 = (1) 1 x 8	A = (4) 1 x 4
	A = SC UPC
	C = SC APC
	E = LC UPC
	G = LC APC

