



Designed for FieldSmart® FSC OSP Cabinets
(Clearfield® WaveSmart® Compatible)*



Designed for Charles Industries CFFP
(CFSM-PP Compatible)**



Designed for Channell FiberX networks
(FiberX Compatible)***

Ruggedized Breakout Cable

Designed for outdoors and extended temperatures. Includes 5-year warranty

Bend Insensitive Fiber

Reduces risks of breaks during installation

Many Configurations

1x2, 1x4, 1x8, 1x16, 1x32, 2x4, 2x8, 2x16, 2x32, and multiple 1xN splitters available

Competitive Pricing

Significant savings vs. compatible Clearfield® and Charles Industries Splitters



Industry Standard

Telcordia GR-326-CORE, GR-1209-CORE & GR-1221-CORE
ITU-T G.671/2012, IEC 61753/ ITU-T G.671
TIA/EIA-568-C.3
IEEE 802.3z
RoHs Compliant

Jackets

- 2mm outside diameter
- Black
- Extended temperature

Features

- Input easily visible by red boot
- Each split/output has the serial number of the splitter
- Customer - defined specifications
- Low insertion loss
- High uniformity
- High reliability
- Fiber Type: BIF- Bend Insensitive Fiber (High Bend Radius) > G.657.A1
- Batch testing by Dorc Machine
- Customization: Length, packaging, bar coding, labeling, stocking programs, color and style of cable

Applications

- Fiber to the home
- Metro
- Network protection
- Monitoring
- Access/PON distribution
- GPON
- CATV

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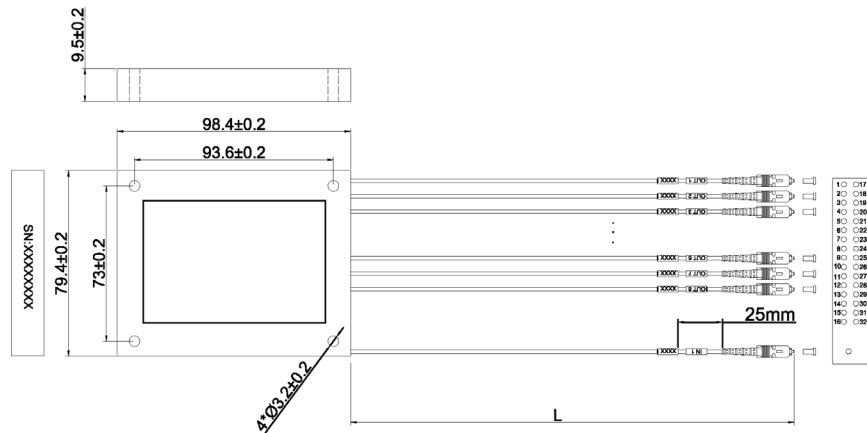
1xN Splitters						
Type	1x2	1x4	1x8	1x16	1x32	1x64
Insertion Loss, dB	≤ 4.2	≤ 7.4	≤ 10.7	≤ 13.7	≤ 16.9	≤ 21.5
Uniformity, dB	≤ 0.6	≤ 0.8	≤ 1.0	≤ 1.2	≤ 1.5	≤ 2.0
2xN Splitters						
Type	2x2	2x4	2x8	2x16	2x32	2x64
Insertion Loss, dB	≤ 4.2	≤ 7.6	≤ 10.9	≤ 14.2	≤ 17.5	≤ 21.5
Uniformity, dB	≤ 0.8	≤ 1.0	≤ 1.2	≤ 1.50	≤ 1.80	≤ 2.0

1xN and 2xN Splitters	Operating Wavelength, nm	1260 ~ 1650
	Directivity, dB	≥ 55
	Optical Input Return Loss, dB	≥ 55
	Polarization Dependent Loss, dB	≤ 0.3
	Storage Temperature, °C	-40 ~ 85 *
	Operating Temperature, °C	-40 ~ 85 *
	Connectors	SC, SC/APC, LC, LC/APC

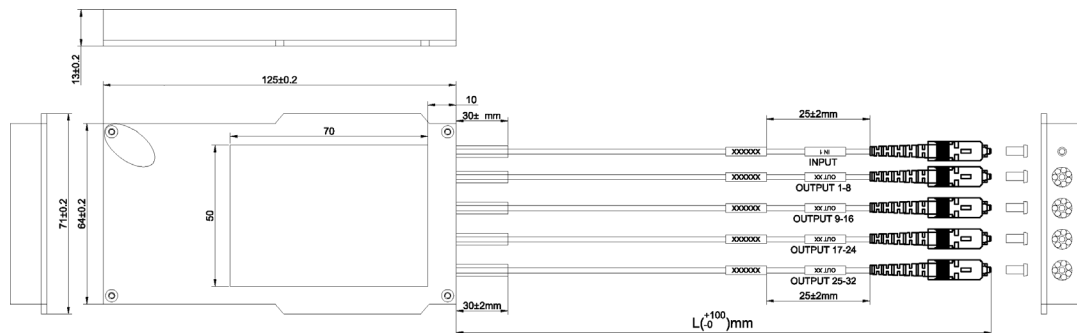
* -20°C ~ +70°C for 900µm, 2.0mm, or 3.0mm cable

NOTE: Loss does not include connector loss

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ORDERING INFORMATION



FIBER LENGTH

Make selection for input and output

1 # OF INPUTS OR QTY OF SPLITTERS

- 1 = 1 Input
- 2 = 2 Inputs
- A = QTY 2 1xN
- B = QTY 3 1xN
- C = QTY 4 1xN

2 # OF OUTPUTS

- 2
- 4
- 8
- 16
- 32

3 INPUT

- A = .5M
- B = 1M
- H = 1.3M (51 inches)
- C = 1.5M
- D = 2M
- E = 2.5M

4 OUTPUT

- F = 3M
- J = .66M (26 inches)
- K = .74M (29 inches)
- M = 1.22M (48 inches)
- G = 1.53M (60 inches)

CONNECTOR TYPE

Make selection for input and output

5 INPUT

- N = No connector
- LA = LC/APC
- SA = SC/APC
- LU = LC/UPC
- SU = SC/UPC

6 OUTPUT

7 PACKAGE OPTION

- M = 5 x 79.4 x 98.4mm Rugged Metal (Clearfield Compatible)
- J = 8 x 0.5 x 4.9mm Rugged Metal (Charles Enterprises Compatible)