



Product: [AFZLCLCH4XT2100LDN](#)



FiberExpress Multi-Fiber Assemblies G.657 A1/A2, LC(UPC)_SX
LC(UPC)_SX 144F LSZH Jacket A/B Cross Polarity 0.5m X In-Line 100 m

Product Description

FiberExpress Multi-Fiber Assemblies, G.657 A1/A2, LC(UPC) Simplex-LC(UPC) Simplex, 144 Fibers, Yellow LSZH Jacket Without Pulling Eye, A/B Cross Polarity, 2.0 mm Fan-out construction, 0.5m x In-line, 100 m Trunk Cable

Technical Specifications

Product Overview

Suitable Applications:	Data Centers, Main Equipment Rooms
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Fiber Specifications

Fiber Type:	OS2, G.657.A2
Fiber Core Diameter:	9/125 μ m
Fiber Count:	144

Physical Specifications

Connectors

Description	Type
Connector A (Inside End)	LC Simplex
Connector B (Outside End)	LC Simplex

Fan-out (Legs)

Description	Length (m)	Geometry
Connector A (Inside End)	0.5 m	In-Line
Connector B (Outside End)	0.5 m	In-Line

Assembly Cable

Cable Nominal OD	Jacket Color
17.5 mm	Yellow

Measurement

Overall Assembly Length	Packaging
100 m	Individually packaged on a reel.

Optical Characteristics

Fiber Connector Performance

Connector Type	Max. Insertion Loss	Min. Return Loss
LC Simplex	0.25 dB	55 dB
LC Simplex	0.25 dB	55 dB

Mechanical Characteristics

Min. Bend Radius During Installation:	350 mm
Min. Bend Radius During Operation:	175 mm
Crush Resistance:	1000 N/100mm

Temperature Range

Operating Temperature Range:	-20°C to +60°C
Storage Temperature Range:	-20°C to +60°C

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	IEC 60332-1-2
TIA/EIA Compliance:	TIA/EIA 568.3
ISO/IEC Compliance:	IEC 61754-20IEC 60793-2-50IEC 11801
European Directive Compliance:	EU Directive 2011/65/EU (RoHS 2)

Product Notes

Related Parts:	FiberExpress Adapter Strips, FiberExpress Manager Modules and FiberExpress Ultra Frames and Cassettes
Notes:	Crush resistance values are for Installation

History

Update and Revision:	Revision Number: 0.3 Revision Date: 12-07-2023
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