Detailed Specifications & Technical Data

BELDEN
SENDING ALL THE RIGHT SIGNALS

METRIC MEASUREMENT VERSION

AX101529 Modular Connectors - FX Manager Connector Module , MPO(m)- LC type, 12 Pre-Terminated

For more Information
please call

1-800-Belden1

RoHS COMPLIANT
ENVIRONMENTALLY FRIENDLY

General Description:

FiberExpress Manager Connector Module , Zirconia-Ceramic , Single-mode (OS2), MPO(m) - LC type, 12 Pre-Terminated

Usage (Overall)

Suitable Applications:	FiberExpress Solutions, Backbone, Telecommunications Room, Main Distribution Roon, DataCenters
Related Parts:	FiberExpress Manager: Shelf and 1U Rack Mount Patch Panel. Flex Kit, Splice Holder Kit

Physical Characteristics (Connectivity)

Dimensions
Dimensions:

Height (mm)	Width (mm)	Depth (mm)
144.780	27.940	243.840

Materials
Materials:

Description	Type	Material	Color
Module Holder		Plastic - UL94V-0	
Front Connector Body	LC	Plastic - UL94V-0	Blue
Adapter Sleeve		Zirconia-Ceramic	
Rear Connector Body	MPO Female	Plastic - UL94V-0	Black

Color
Color:	Gray

Weight
Weight:	0.227 kg

Included Parts
Included Parts:	Dust Caps

Packaging
Packaging:	Individually packaged in a plastic bag, Shipped in cardboard box

Mechanical Characteristics (Connectivity)

Termination Interface:

Termination	Connection	Durabilities
Front	Mated Connection	500 cycles
Rear	Mated Connection	xx cycles

Connector/Hardware Retention:	50.042 N
Plug/Connector Retention:	50.042 N
Storage Temperature Range:	-40°C To +75°C
Operating Temperature Range:	-10°C To +60°C

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	07/01/2006
MII Order #39 (China RoHS):	EUP 50
Telecommunications Standards:	TIA 568.C.3
Safety Listing:	ACA

Suitability

Suitability - Indoor:	Yes - Indoor

Transmission Characteristics (Connectivity)

Transmission Specifications:

Product Description	Multimode insertion lost (max dB)	Multimode Reflectance (dB)	Single-Mode insertion lost (max dB)	Single-Mode Reflectance (dB)
FiberExpress Connector Module Pre-terminated MPO-ST Type	1.50	< -20	1.25	< -55
FiberExpress Connector Module Pre-terminated MPO- SC Duplex	1.50	< -20	1.25	< -55
FiberExpress Connector Module Pre-terminated MPO-MT-RJ	1.40	< -20	1.40	< -45
FiberExpress Connector Module Pre-terminated MPO-LC Duplex	1.15	< -20	1.15	< -50

Notes (Overall)

Notes: For additional about this product, visit our web site at http://www.belden.com.

Product Family

Part Number List:

Description	Multimode	Single-Mode
ST type 6 fibers	AX101089	AX100936
ST type 12 fibers	AX101187	AX101186
SC Simplex 6 fibers	-	AX100943
SC Duplex 6 fibers	AX101092	AX100944
SC Duplex (ST in) 12 fibers	AX101120	AX101119
SC Duplex 12 UPC pigtails	-	AX101715
SC Duplex 12 fibers	AX101714	AX101713
LC Duplex 8 fibers	AX101621	AX101620
LC Duplex 12 fibers	AX101528	AX101527
LC Duplex 12 fibers (OM3-AQUA)	AX103071	-
LC Duplex 24 fibers	AX102306	AX102305
LC Duplex 24 fibers (OM3-AQUA)	AX103070	-
MT-RJ 12 fibers	AX101096	AX101581
FC Single-mode/Multimode 6 fibers	-	AX100937
FC Single-mode/Multimode 8 fibers	-	AX101482

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
AX101529	1 EA	0.000 KG			FXM MODULE 12-FIB PRE-

Test Reports

a) UL
  i) UL Test Reports are available on-line through the UL Client Document Access web portal.
  ii) UL Inspection Reports are also available through the UL Client Document Access web portal.
b) CSA
  i) CSA "Descriptive Report and Test Results" documents are available on the CSA Gateway Portal.
  ii) CSA Inspection Reports are maintained on the CSA issued 'flash drive' at each manufacturing location.

 * other test data may be available if requested at time of order.

Revision Number: 0   Revision Date: 06-19-2009

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