

Part Number: PN-FCMMDXOM3

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Description: Ø3.0mm FC/UPC - FC/UPC Zipcord OM3 Patch Cable - Aqua



► Products Overview:

PUNO duplex patch leads are manufactured from the highest quality 900 µm optical fibre, terminated with ceramic ferrule connectors of various types. Cable preparation, termination and testing is carried out to strictly managed procedures in an Excel approved manufacturing facility. Applications include the connections between optical patching panels and network or server equipment and directly from devices to the local or wide area network or physical security equipment. Each cable has strain relief boots to prolong and maintain performance levels of the assembly, transmit and receive ‘legs’ of each duplex cable are identified by means of ring type cable marker fixed to each end the assembly. A short distance from these identification rings heat shrink is applied to maintain an easy to manage bonded two fibre cable, finally a label containing a unique batch number is fixed to the centre of cable for quality and traceability purposes.

► Keyed Characteristics:

- 100% Optical Test;
- Aqua outer sheath;
- Broad range of connectivity options;
- Each cable is individually bagged and labelled;
- Low smoke zero halogen cable;
- 900µm 50/125µm duplex cable;
- High quality connectors;
- Receive and transmit legs clearly indicated.

Application:

- Telecommunication networks;
- Data processing networks;
- Metro applications;
- Military, medical and industrial.

Information, specifications and product offerings in this catalogue are subject to change without notice. Product photos and drawings are provided for the convenience of our customers and for reference only.

E-mail: sales@punofiber.com

Connector:

Fiber count	Simplex (1-fiber) tight buffered Duplex (2-fiber) jacketed zipcord
Cable jacket ratings	Riser (OFNR) Low Smoke Zero Halogen (LSZH) per: IEC 60332-1-2, IEC 60332-3-24, IEC 60754-1, IEC 60754-2, IEC 61034-2
Fiber types	Single-mode: OS2 (G.652.D) 9/125 LWP Bend-Insensitive (G.657.A2/B2)
Connector types end 'A'	Simplex or Duplex LC/APC, SC/APC
Connector type end 'B'	Simplex or Duplex LC/APC, SC/APC
Jacket color	OM3 10G: Aqua
Cable outside diameter (OD)	1.6mm duplex and simplex 3mm duplex and simplex 900 micron tight buffered
Connector cable retention	50N @ 0°C 19.4N @ 90°C
Connector durability	500 cycles
Bend radius, minimum	1.6mm: 16mm 3mm: 29mm 900 micron: 9mm

Optical Properties:

Items	Unit	Specification
Cladding Non-Circularity	%	≤2.0
Coating Diameter	μm	245±10
Cladding-Coating Concentricity Error	μm	≤1.0
Core Diameter	μm	50±2.5
Cladding Diameter	μm	125±1.0
Cable Material		
Outer sheath	LSZH (Aqua RAL 6027)	
Outer sheath of single fiber	LSZH (Aqua RAL 6027)	
Secondary sheath of single fiber	Nylon TIGHT	
Strength member	Aramid yarns	
Fiber Type	MM-50/125μm	
Connector Type	FC - FC	

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