

## PRE-TERMINATED MPO/MTP CABLING



### DESCRIPTION

Datacom Pre-terminated Plug and Go Fibre System provides the Rapid Fibre Deployment market with an extremely cost effective, expandable and high-speed system. Datacom Plug and Go System utilizes MTP brand pre-terminated assemblies to ensure optimum performance is achieved when Interconnecting pre-terminated cassettes and panels. Assemblies are available in 12, 24, 48, & 72 fibres, and micro and ruggedised cable in multimode OM1 62.5/125, OM4 50/125 and single mode OS2 9/125 options.

Datacom Plug and Go System is manufactured in our advanced fibre termination facilities under stringently controlled laboratory conditions and is quality controlled to rigorous standards using advanced fibre interferometer testing equipment. Datacom pre-terminated assemblies surpass the high standards required for datacomms and CATV applications.

### APPLICATION

- Plug N Play Pre-terminated trunk cables are small in size, minimize waste, optimize cable management, speed deployment, and improve flexibility and manageability.

### FEATURES

- Quick installation time.
- Single mode & multi-mode performance.
- Ensure optimum interconnect performance.
- Up to 72 fibres in one connector.
- Interferometer tested.
- Quality-controlled factory.
- Easy to use MTP brand connector
- Any length can be made to order.

### STANDARDS COMPLIANCE

- Meets or exceeds: ISO/IEC 11801, TIA/EIA-568-D.3.
- TIA-604-5 (FOCIS-5), TIA/EIA-568-C.1.
- GR-409-CORE.
- RoHS Complaint.

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PERFORMANCE CHARACTERISTICS	
Maximum cable attenuation MultiMode	3.0dB/km at 850nm , 1.5dB/km at 1300nm
Maximum cable attenuation SingleMode	1.0dB/km at 1310/1550nm
Maximum connector insertion loss - Singlemode	0.75dB
Maximum connector insertion loss - Multimode	0.50dB
Minimum connector Return loss - Singlemode	55dB
Minimum connector Return loss - Multimode	OM4 26dB
ENVIRONMENTAL PROPERTIES	
Operating Temperature	0°C to +70°C
Storage and Shipping Temperature	-40°C to +70°C
Installation Temperature	-0°C to +60°C

## ORDERING INFORMATION

### Description

**DATACOM 12F SM MTP FEMALE TO FEMALE LSZH CABLE, TYPE A**  
**DATACOM DUPLEX SINGLEMODE LC-LC**  
**DATACOM 12F OM4 MTP FEMALE TO FEMALE LSZH CABLE TYPE A**  
**DATACOM DUPLEX OM4 LC-LC PURPLE**

### Part No.

**DC-CXM0912LZFFN-XXX**  
**DC-CXPC-SMLCLCD-XX**  
**DC-CXM0412LZFFN-XXX**  
**DC-CXPC-M4LCLCD-XX**

XXX- Varies from 1-100MTR