

PRIZM LT - MTP 12F round cable assembly

Basic characteristics

- ▲ Miniature detachable connector for high speed optical interconnection
- ▲ The PRIZM LT connector consists of a multi-fiber ferrule with a photonic turn TIR (total internal reflection) lens array



Benefits

- ▲ Optimizes air-flow
- ▲ High I/O density directly on a PCB
- ▲ Low profile design
- ▲ Provides excellent coupling to high bandwidth mini-parallel optic modules

Applications

- ▲ Telecommunications
 - Servers
- ▲ Data Networking
 - Data communication centers
 - High-speed computer applications

Temperature range

Indoor controlled environment (-10°C/+60°C)

Cable parameters

Jacket material	OFNG-LS	
Cable construction	Round cable	
Outer diameter	1,8mm	
Fiber count	12	
Fiber type	MMF OM3 / OM4	
Temperature range	operation:	0°C to +70°C
	storage:	-20°C to +70°C
	installation:	0°C to +70°C

PRIZM LT - MTP 12F round cable assembly

Connector parameters

	PRIZM LT	MTP
Compliance	US CONEC standard	US CONEC standard
Colour of housing	Black	Aqua / Magenta
Colour of boot	Black	Black
Polish	N/A	Flat (PC)
Insertion Loss (acc. IEC 61300-3-4 method B)	<2,0dB (@850nm)	<0,35dB (@850nm)
Return Loss (acc. IEC 61300-3-6)	N/A	>20dB (@850nm)

Identification

Traceability label with unique serial number on both ends of cable assembly.

Packaging

Each assembly in sealed PE bag, bulk pack in cardboard box.

MTP is a registered trademark of US Conec, Ltd.
 PRIZM LT is a registered trademark of US Conec, Ltd.
 * Specifications are subject to change without notice

For more information contact our sales team at sales@sylex.sk