

PRIZM LT-MTP short OM3 bare ribbon 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

Controlled environment (-10°C/+60°C)

Cable parameters

Jacket material	N/A	
Cable construction	Bare ribbon	
Outer diameter	approx. 3,2mm x 0,35mm	
Fiber count	12	
Fiber type	MMF OM3	
Temperature range	operation:	-20°C to +70°C
	storage:	-20°C to +55°C
	installation:	-20°C to +55°C

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Connector parameters

	PRIZM LT	MTP
Compliance	US CONEC standard	US CONEC standard
Colour of housing	N/A	Aqua
Colour of boot	N/A	N/A
Polish	N/A	Flat (PC)
Insertion Loss (@850nm)	<2,0dB	<0,60dB/<0,35dB**
Return Loss (@850nm)	>20dB	>20dB

Identification

Marking sleeve with unique serial number.

Packaging

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

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* Specifications are subject to change without notice

** details listed in drawing 1-S-1870

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