

## PRIZM LT-MTP OM3 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

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	
Temperature range	operation:	-10°C to +70°C
	storage:	-20°C to +70°C
	installation:	0°C to +70°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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PRIZM LT is a registered trademark of US Conec, Ltd.

\* Specifications are subject to change without notice

\*\* details listed in drawing 1-S-1877

For more information contact our sales team at [sales@sylex.sk](mailto:sales@sylex.sk)