

ECS fiberkabel OM4 Tight Buffer

Part Number: **MTX-500-04/OM4**

Applications: Backbone and Riser cabling, Centralized Cabling, Direct termination, FTTH Feeder, General purpose indoor/outdoor LAN, Patch panels

General Construction: The cable consist of 4 color coded graded index multimod OM4 optical fibers each with a 0.9 mm buffer. All cables are reinforced by aramid strength yarns and protected with a jacket.

Outer Jacket Material: FR-LSZH

Outer Diameter: 4.9 mm nom.

Weight: 27 kg/km



Design & Materials

Buffer Material:	FR-LSZH
Buffer Diameter:	900 µm
Color Code:	Per TIA/EIA 598-C
Strength Elements:	Aramid Yarns
Number of fibers:	4
Waterblocking:	Dry Waterblocking
Rip-Cord:	Yes
Outer Jacket Color:	Aqua
Marking:	MTX-500-04/OM4 Batch no. Lenght mtr

Standards

Applicable Standards:	IEC 60794
Flamability Rating:	IEC 60332-1
Installation:	Guidelines as per IEC 60794-1-1 Annex A

Performance

Tensile Strength - Short Term:	1200 N max.
Tensile Strength - Long Term:	700 N max.
Impact Resistance:	1.5 N*m
Max. Crush Resistance:	220 N/cm
Min. Bend Radius for Installation:	10XD mm
Min. Bend Radius for Operation:	5XD mm
Repeated Bending:	1000 cycles
Max. Operating Temperature:	+ 70 °C
Min. Operating Temperature:	-20 °C
Max. Storage Temperature:	+ 70 °C
Min. Storage Temperature:	-20 °C
UV resistance:	Yes
Waterblocking:	Yes

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