

MTX-500-04/OM3

Part Number: F40040404B

Applications: Centralized Cabling, Distribution to Riser cabling, General purpose indoor/outdoor LAN, Short and Medium distance distribution and trunking

General Construction: the cable consist of 4 color coded 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: 25 kg/km



Design & Materials

Buffer Material:	FR-LSZH
Buffer Diameter:	900 µm
Outer Jacket Color:	Aqua
Marking:	TELDOR CABLES FIBER OPTIC CABLE MTX-500-04/OM3

Standards

Applicable Standards:	IEC 60794
Flammability Rating:	IEC 60332-1
Installation:	Guidelines as per IEC TR 62691
CPR Class:	Dca-s1-d2-a1

Performance

Tensile Strength - Short Term:	900 N max.
Tensile Strength - Long Term:	540 N max.
Impact Resistance:	1.5 N*m
Max. Crush Resistance:	220 N/cm
Min. Bend Radius for Installation:	98 mm
Min. Bend Radius for Operation:	50 mm
Repeated Bending:	300 cycles
Max. Operating Temperature:	+70 °C
Min. Operating Temperature:	-40 °C
Max. Storage Temperature:	+70 °C
Min. Storage Temperature:	-40 °C
UV Resistance:	Yes
Waterblocking:	Yes