

MTX-500-08/OM3

Part Number: **F40080800Z**

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 8 color coded graded index multimod OM3 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: 6 mm nom.

Weight: 35 kg/km



Design & Materials

Buffer Material:	FR-LSZH
Buffer Diameter:	900 µm
Outer Jacket Color:	Turquoise
Marking:	Per request

Standards

Applicable Standards:	IEC 60794
Flammability Rating:	IEC 60332-3
Installation:	Guidelines as per IEC TR 62691

Performance

Tensile Strength - Short Term:	1000 N max.
Tensile Strength - Long Term:	600 N max.
Impact Resistance:	1.5 N*m
Max. Crush Resistance:	220 N/cm
Min. Bend Radius for Installation:	15 mm
Min. Bend Radius for Operation:	60 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