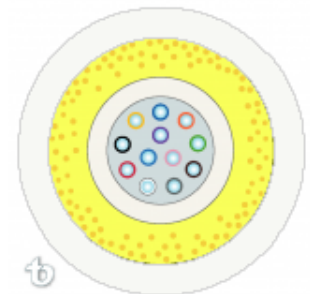


MSL-500-02/OM4/WH

Part Number: **F30020109W**



Applications:	Blown Installation, Campus Distribution cabling, General purpose all-dielectric outdoor LAN
General Construction:	Optimized for blown installation into micro ducts, the cable contains 2 MM OM4 color coded optical fibers, each with a 250µm outer diameter. The optical fibers are contained in a loose tube filled with thixotropic gel, which is reinforced by aramid strength yarns and jacketed.
Outer Jacket Material:	HFFR
Outer Diameter:	2.8 mm nom.
Weight:	8.5 kg/km



Design & Materials

Buffer Material:	PBT
Tube Diameter:	1.3 mm nom.
Strength Elements:	Aramid Yarns
Number of fibers:	2
Waterblocking:	Dry Waterblocking
Outer Jacket Color:	White
Marking:	Per request

Standards

Applicable Standards:	IEC 60794-1-21/22, IEC 60794
Flammability Rating:	IEC 60332-1

Performance

Tensile Strength - Short Term:	350 N max.
Tensile Strength - Long Term:	210 N max.
Impact Resistance:	5 N*m
Impact Resistance:	3 cycles
Max. Crush Resistance:	50 N/cm
Min. Bend Radius for Installation:	30 mm
Min. Bend Radius for Operation:	30 mm
Repeated Bending:	100 cycles
Torsion (L= 125 x d):	10 cycles
Drip Test:	80 °C
Max. Operating Temperature:	+60 °C
Min. Operating Temperature:	-10 °C
Max. Installation Temperature:	+45 °C
Min. Installation Temperature:	-10 °C
Max. Storage Temperature:	+70 °C
Min. Storage Temperature:	-25 °C
UV Resistance:	Yes