



### Key Benefits:

- American Bureau of Shipping (ABS) Approved

### Standards:

- IEEE 1580
- ICEA S-104-696
- UL & cUL: OFNG/OFNG -ST1 FT4
- Flame Rating per UL 1666, 1685, FT4/IEEE 1202
- EU Directive 2015/863/EU
- EU Directive 2011/65/EU (ROHS II)
- ANSI/TIA-568.3-D, ANSI/TIA-598-D
- Wet Location

Temperature Range	
Operating	-40°C to +70°C -40°F to +158°F
Storage	-40°C to +70°C -40°F to +158°F
Installation	-10°C to +60°C 14°F to +140°F

Glass Type	Fiber Grade Code (*)	Jacket	Operating Wavelength (nm)	Max Attenuation (dB/km)	Min. OFL Bandwidth (MHz-km)	Min. Laser Bandwidth (MHz-km)	1 Gigabit Ethernet Min. Link Length (meters)	10 Gigabit Ethernet Min. Link Length (meters)
OS2 - Single Mode	S	Black	1310/1550	0.4/0.3	-	-	5000/-	10,000/40,000
OM1 - 62.5/125µm Multi-Mode	1	Black	850/1300	3.25/1.0	200/500	220/-	275/550	33/-
OM3 - 50/125µm Multi-Mode	3	Black	850/1300	3.0/1.0	1500/500	2000/-	1000/550	300/-
OM4 - 50/125µm Multi-Mode	4	Black	850/1300	3.0/1.0	3500/500	4700/-	1100/550	400/-
OM5 - 50/125µm Multi-Mode	5	Black	850/1300	3.0/1.0	3500/500	4700/-	1100/550	400/-



TM (Marine Grade)  
MLT Metal Armor Gel-Filled

Revision Number: 1 Revision Date: 11.10.2022

Double Jacket, Bronze Braid Armor								
Fiber Count	Part Number Substitute (*) with fiber grade code	Nom. Jacket Dia. in (mm)	Weight lbs/1000ft (kg/km)	Max. Install Load lbs (N)	Max. Long Term Load lbs (N)	Crush Resistance	Min. Bend Radius Load	Min. Long Term Bend Radius
2	TM-*LF-002-HBAN	0.645(16.4)	247 (368)	600(2670)	180 (800)	440 N/cm	20x Cable OD	10x Cable OD
4	TM-*LF-004-HBAN	0.645(16.4)	247 (368)	600(2670)	180 (800)	440 N/cm	20x Cable OD	10x Cable OD
6	TM-*LF-006-HBAN	0.645(16.4)	247 (368)	600(2670)	180 (800)	440 N/cm	20x Cable OD	10x Cable OD
8	TM-*LG-008-HBAN	0.645(16.4)	247 (368)	600(2670)	180 (800)	440 N/cm	20x Cable OD	10x Cable OD
12	TM-*LG-012-HBAN	0.645(16.4)	247 (368)	600(2670)	180 (800)	440 N/cm	20x Cable OD	10x Cable OD
24	TM-*LG-024-HBAN	0.645(16.4)	246 (366)	600(2670)	180 (800)	440 N/cm	20x Cable OD	10x Cable OD
36	TM-*LG-036-HBAN	0.645(16.4)	244 (363)	600(2670)	180 (800)	440 N/cm	20x Cable OD	10x Cable OD

†Custom color jackets available

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