



Key Benefits:

- American Bureau of Shipping (ABS) Approved

Standards:

- IEEE 45
- ICEA S-104-696
- UL & cUL: OFNG/OFCG -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 All Dielectric Gel-Filled

Revision Number: 1 Revision Date: 11.10.2022

Single Jacket, All Dielectric								
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-HNAN	0.460(11.7)	89 (132)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
4	TM-*LF-004-HNAN	0.460(11.7)	89 (132)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
6	TM-*LF-006-HNAN	0.460(11.7)	89 (132)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
8	TM-*LG-008-HNAN	0.460(11.7)	89 (132)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
12	TM-*LG-012-HNAN	0.460(11.7)	89 (132)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
24	TM-*LG-024-HNAN	0.460(11.7)	88 (131)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
36	TM-*LG-036-HNAN	0.460(11.7)	86 (128)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD

†Custom color jackets available

© 2020 Belden, Inc. All rights reserved. All information contained herein is confidential. Its use is restricted to authorized Belden personnel or authorized vendors or customers of Belden. Under no circumstances shall THDs document be duplicated in any form or shown to/discussed with unauthorized personnel without the expressed written consent of Belden. Although Belden makes every reasonable effort to ensure accuracy at the time of THDs publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability or suitability for a given purpose. Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory, or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence, or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein. All sales of Belden products are subject to Belden's standard terms and conditions of sale. Belden reserves the right to change any specification in the interest of product enhancement. THDs cable complies with the EU-RoHS directive 2002/95/EC (restrictions on hazardous substances)