



HES Cabling Systems

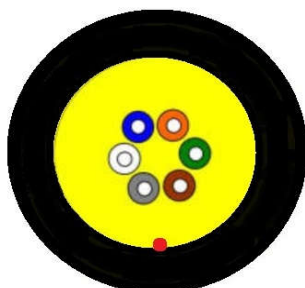
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Technical Specification

6x62.5/125µm Multimode OM1 MTD LS0H Indoor FO Cable

Part Number: N61-00603-xx7

Revision 15/20 Date: 05-July-2020



6x62.5/125µm multimode color coded LS0H tight buffered optical fibers cabled together, served with aramid yarn and jacketed with black LS0H (HFFR) jacket for indoor use.

Optical fibers

Fiber Type	Fiber Grade & Standard	Attenuation (dB/km)		Min. Bandwidth (MHz·km)		Min. Bandwidth (MHz·km)		Numerical Aperture
		850nm	1300nm	850nm	1300nm	850nm	1300nm	
		Max	Max	OFL		Laser EMB		
62.5/125μm - Multi Mode	OM1 - ISO/IEC 11801 ANSI/TIA-568-C.3	3.5	1.5	200	600	NS	NS	0.275±0.015

Cable Construction

Tight buffer OD	900±50 µm
Tight buffer material	LS0H
Number of optical fibers	6
Fibers Color code	Blue, Orange, Green, Brown, Grey, White
Core formation	Tight-coated color coded fibers cabled together and served with aramid yarn
Rip cord	Aramid rip-cord is laid in parallel for easy jacket removal
Outer jacket material	LS0H (HFFR) compound for indoor use
Outer jacket color	Black, RAL 9005
Outer jacket OD	5.5mm
Surface Marking	HCS N61-00603 MTD 6x62.5/125µ ANSI/TIA-568-C.3 ISO/IEC-11801 OM1 INDOOR FO LS0H LAN CABLE FR IEC 60332-1 CE 2011/65/EU (RoHS-2) [Batch Number] [Week , Year] [Meter Mark] METER

Physical Properties	Value	Test Method
Tensile strength - short term	1000 N max.	IEC-60794-1-21 E1
Compressive load (crush resistance)	150 N/10cm max.	IEC-60794-1-21 E3
Impact	2.9 N·m max, 3x2 impacts.	IEC-60794-1-21 E4
Bend radius	10xD min.	IEC-60794-1-21 E11
Temperature cycling	-30 to +60C	IEC-60794-1-22 F1
Storage Temperature range	-20 to +70C	-
Installation Temperature range	-5 to +50C	-
Operating Temperature range	-30 to +75C	-
Flame test	IEC 60332-1	IEC 60332-1
Cable weight	26 kg/km	

This cable fully conforms to EU Directive 2011/65/EU (RoHS-2)