ProLabs

Features

- Designed for 10Gig Ethernet applications, OM4 Rated
- LC/LC male connectors
- Backward compatible with legacy optical LAN
- Maximum 10Gb distance of 550 meters at 850NM
- Ideal for Fibre Channel (SAN) application
- IEEE 802.3ae and TIA LOMM compliant
- Fiber Optic Patch Cord MPO/PC-LC/PC 8Fibers Multimode OM4

Product Description

This is a 50m LC (male) to LC (male) black duplex Outdoor-rated fiber patch cable with 2mm per strand OD. An OM4 cable has a core size of 50m microns that supports 10 Gigabit Ethernet at lengths measuring up to 550 meters, and 100 Gigabit Ethernet measuring up to 150 meters and is reverse compatible with OM3. A duplex cable is a two-strand fiber optic patch cable that works best with transceivers that both transmit and receive. Our patch cables are 100% compliant for all of your networking needs. Our products are guaranteed by federal law to not affect or void OEM warranties.

Applications	OM1 (MMF)		OM3 (MMF)		OM4 (MMF)		OS1 (SMF)	
	850nm	1300nm	850nm	1300nm	850nm	1310nm	1310nm	1550nm
ATM 622Mbps	300m	500m	300m	500m			2000m	
Fiber Channel 1062Mbps	300m		500m				2000m	
FDDI		2000m		2000m		2000m		
100Base-FX Ethernet		2000m		2000m		2000m		
1000Base-SX Ethernet	275m		550m		1000m			
1000Base-LX Ethernet	550m			>500m		>500m	5000m	
10GBase-LX4 Ethernet		300m					1000m	
10GBase-SR/SW Ethernet	33m		300m		550m		1000m	40000m
40GBase-SR/LR Ethernet			300m		400m			
100GBase-SR Ethernet			100m		150m			

Specifications

Parameter	Specification
Application	Patch
Insertion Loss	≤ 0.2dB
Return Loss	≥ 35dB
Cable Mode	Duplex
Environment	Outdoor
Color	Black
Core/Cladding	50/125μm

Tolerance

Cable Length	Tolerance
Cable Length<1m	5cm
1m<Cable Length<15m	10cm
15m<Cable Length<30m	15cm
Cable Length>30m	Cable Length*1%

Mechanical Specifications
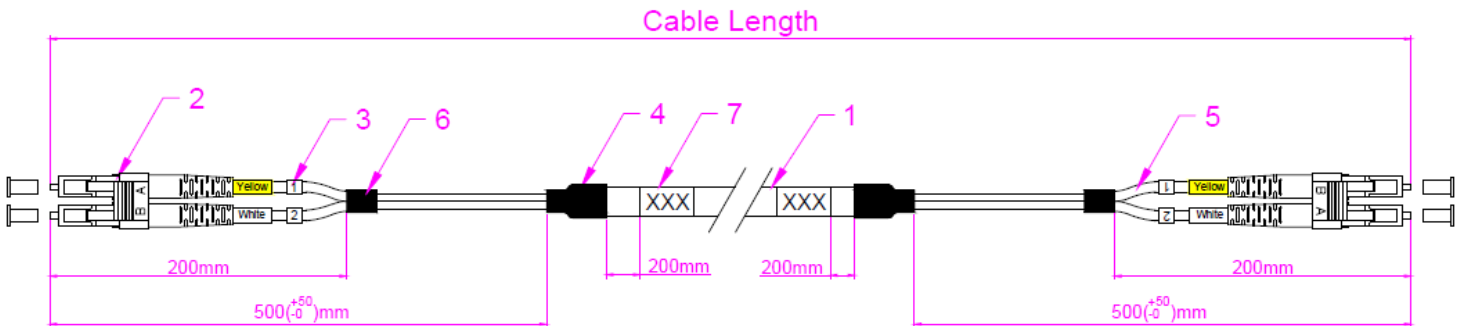
Item	Quantity	Specifications
1	A/R	OD: 10.5mm, Multimode 50/125 OM4, 2 Fibers Outdoor Cable, PE Color: Black GYTA
2	2	LC/PC MM 2.0mm Duplex Connector (Beige Housing&19mm White Short Boot)
3	4	Cable Marker
4	2	Fan-out Kit
5	A/R	Duplex 2.0mm LSZH Black Tube Armored
6	2	Black Shrinkage Tube
7	2	Cable Label