

IP68 Rated Optic Patch Cord, Single Mode



The IP 68 rated Rugged Fiber Optic Patch cords are basically a Fiber Optic Patch Cords suggested for more rugged harsh environments. The spiral steel tape provides additional crush resistance and rodent attack prevention. The patch cord comes in many variations in terms of fibers, cables and connectors.

Features

- Good mechanical and temperature characteristics.
- Small diameter, light weight, easy to connect, and support large capacity data transmission.
- The aramid fiber is deployed to enhance the tensile strength of optical cable, which is more suitable for long distance cable.
- IP68 water, dust proof and corrosion resistant
- Outer jacket material has advantages of waterproof, flame retardant, environmental protection.

Technical Specifications

Fiber Count	: 2F
Fiber Type	: G.657A1
Tight Buffer Fiber OD	: 0.80±0.05mm
Inner Sheath Material	: LSZH
Inner Sheath OD	: 2.0±0.1 mm
Armoring	: SUS Spiral Armored
SUS Spiral Armored OD	: 3.0±0.1mm
Strength Member	: Kevlar
Outer Jacket Material	: HDPE
Outer Jacket Color	: Black
Outer jacket OD	: 7.0±0.3mm
Minimum allowable Tensile strength(N)	: 600(short Term), 1000(Long Term)
Minimum allowable Crush Load strength(N/100mm)	: 2000(short Term), 300(Long Term)
Minimum bending radius(mm)	: 20D(Dynamic), 10D(Static)
Insertion Loss	: <0.15dB (SM UPC), <0.2dB (SM APC), <0.1dB (MM UPC)
Return Loss	: Min. 50dB (SM), Min 30dB (MM)
Durability	: 500 cycles

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Environmental Specifications

Operating Temperature	:	-40°C to +85°C
Storage Temperature	:	-40°C to +85°C

Ordering Information

Product Code	Description
88068-XXXX	High Link LCU to LCU Fiber Optic Patch Cord, Duplex IP68, SM, OS2
88069-XXXX	High Link SCU to LCU Fiber Optic Patch Cord, Simplex IP68, SM, OS2
XXXX – Length in Decimeter (0010 = 1Meters, 9990 = 999M)	