IP68
INGRESS PROTECTION
CERTIFIED

LC SYSTEM

Product Sheet



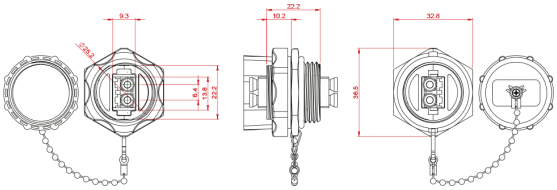


1 Features

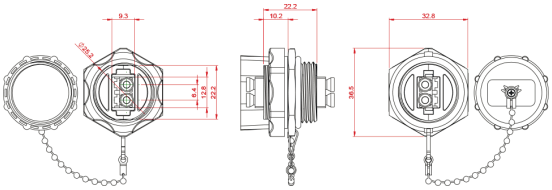
- DCT Rigid Industrial Ethernet series provides you a solution to support multiple applications such as military networking, pharmaceutical laboratories or some units that are supposed to work under harsh environments where exposure to liquid or dust would likely occur.
- Easily Termination to satisfy electromagnetic requirement and hash environment.
- IP 68: Prevented from continuous immersion for water-tight.
- Works with standard Industrial Surface Mount Box "WP-MBN" to achieve IP68 Rating protection.

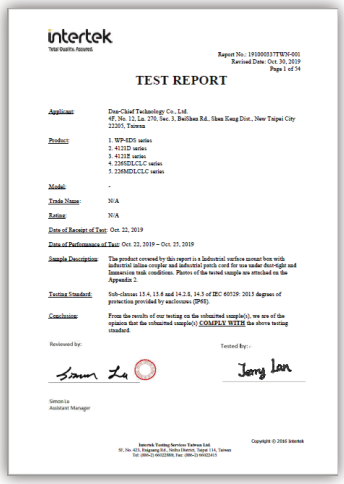
2 Connector Dimension

- WP-8DS-X02XX



- WP-8DS-X03XX



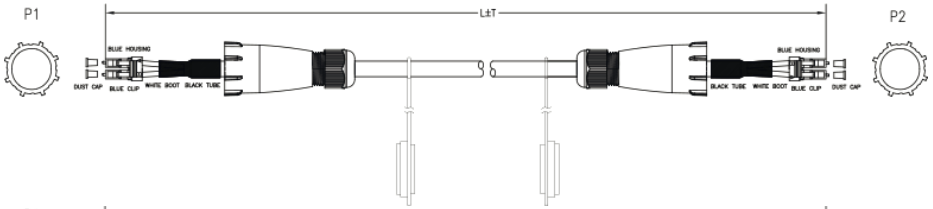


intertek

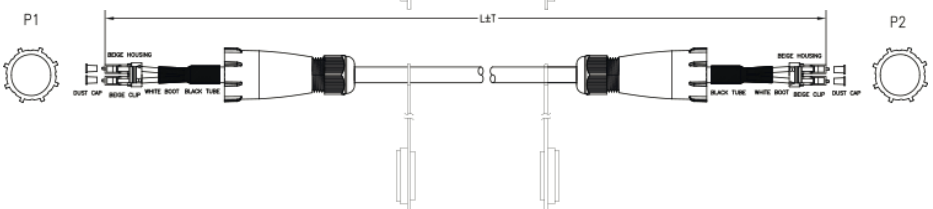
TEST REPORT

3 Patch Cord Dimension

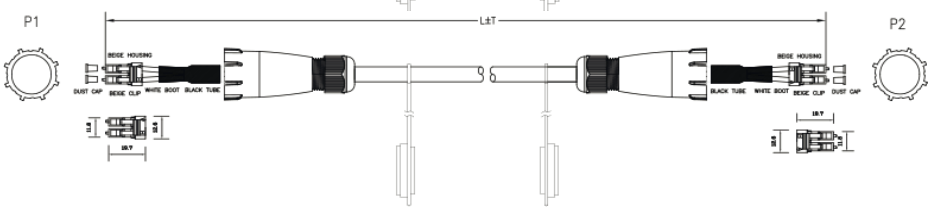
- 226SDL2L2XXXX03



- 226MDL8L8XXXX01



- 226MDL8L8XXXX02



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4 Connector Technical Specification

Material

- MAIN BODY & DUST CAP：PBT+GF, UL94V-0
- ALL HOOD：MOLDED 25P PVC
- CHAIN：BRONZE, NICKEL PLATED

Physical Characteristics

- OPERATING TEMPERATURE RANGE：-10 C TO 60 C
- STORAGE TEMPERATURE RANGE：-40 C TO 68 C
- HUMIDITY：10% TO 90% RH (NON-CONDENSING)

SINGLE MODE DUPLEX LC ADAPTER

- COLOR：BLUE
- SLEEVE：CERAMIC SLEEVE
- INSERTION LOSS：0.2dB MAXIMUM
- WAVELENGTH：1310nm / 1550nm
- MATING DURABILITY：1000 CYCLES, ADDITIONAL LOSS 0.1 dB MAXIMUM
- TEMPERATURE STABILITY : ADDITIONAL LOSS 0.2 dB MAXIMUM

MULTI MODE DUPLEX LC ADAPTER

- COLOR：IVORY
- SLEEVE：CERAMIC SLEEVE
- INSERTION LOSS：0.2dB MAXIMUM
- WAVELENGTH：850nm
- MATING DURABILITY：1000 CYCLES, ADDITIONAL LOSS 0.1 dB MAXIMUM
- TEMPERATURE STABILITY : ADDITIONAL LOSS 0.2 dB MAXIMUM

5 Connector Ordering Information

Part No. : WP-8DS-X02XX
Description : Waterproof Single Mode Duplex LC Adapter
Packaging : 150 pcs per inner box (Dimension: 348*233*206mm)
4 inner boxes per carton (Dimension: 361*485*436mm)
N.W.: 18kg G.W.: 19kg

Part No. : WP-8DS-X03XX
Description : Waterproof Multimode Duplex LC Adapter
Packaging : 150 pcs per inner box (Dimension: 348*233*206mm)
4 inner boxes per carton (Dimension: 361*485*436mm)
N.W.: 18kg G.W.: 19kg

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6 Patch Cord Technical Specification

- Connector A LC/PC Duplex M/M BOOT: WHITE
- Connector A LC/PC Duplex M/M BOOT: WHITE
- Cable Type Duplex M/M OM2 (50/125) CABLE
  (2*Fiber Count+2*Filler+Wrap Tape+Out Jacket)
  Jacket Color: ORANGE, PVC
  OD: 7.5±0.5MM
- (Length) XX (UNIT: Feet)
- Insertion Loss <0.3dB
- WaterProof Housing: Black ABS
- Support Network Speed 1Gbps
- Minimum Bend Radius: 7.5*20=150MM
- Temperature: -10°C~50°C for Operating; -15°C~60°C for storage.
- Relative Humifity: 0%-90%, non-condensing.

7 Patch Cord Ordering Information

Part No. : 226SDL2L2XXXX03

Description : Waterproof LC Patch Cord, Single Mode, G652D

P/N	L(FT)	T
226SDL2L2003F03	3FT	±30MM
226SDL2L2006F03	6FT	±30MM
226SDL2L2015F03	15FT	+152 / -51MM
226SDL2L2030F03	30FT	+152 / -51MM

P/N	L(M)	T
226SDL2L2001M03	1M	±30MM
226SDL2L2002M03	2M	±30MM
226SDL2L2005M03	5M	+152 / -51MM
226SDL2L2010M03	10M	+152 / -51MM

Part No. : 226MDL8L8XXXX01

Description : Waterproof LC Patch Cord, Multimode, OM2

P/N	L(FT)	T
226MDL8L8003F01	3FT	±30MM
226MDL8L8006F01	6FT	±30MM
226MDL8L8015F01	15FT	+152 / -51MM
226MDL8L8030F01	30FT	+152 / -51MM

P/N	L(M)	T
226MDL8L8001M01	1M	±30MM
226MDL8L8002M01	2M	±30MM
226MDL8L8005M01	5M	+152 / -51MM
226MDL8L8010M01	10 M	+152 / -51MM

Part No. : 226MDL8L8XXXX02

Description : Waterproof LC Patch Cord, Multimode, OM3

P/N	L(FT)	T
226MDL8L8003F02	3FT	±30MM
226MDL8L8006F02	6FT	±30MM
226MDL8L8015F02	15FT	+152 / -51MM
226MDL8L8030F02	30FT	+152 / -51MM

P/N	L(M)	T
226MDL8L8001M02	1M	±30MM
226MDL8L8002M02	2M	±30MM
226MDL8L8005M02	5M	+152 / -51MM
226MDL8L8010M02	10M	+152 / -51MM

Packaging : 50 pcs per carton (Dimension: 356*356*305mm)
N.W.: 5.5kg G.W.: 6.2kg