

FIBER-OPTIC PATCH-CORDS MM OM4 DUPLEX

Datasheet



Patch-cord MM OM4 DX LCPC-LCPC

Scope of supply:

- Patch-Cord
- Test report printed on P/N Label

1 pc

TECHNICAL DATA

Duplex Cable

| Criteria | | Value | Standard |
|-------------------------------|--------------------------------------|---|-------------------|
| Cable ø [mm] | | 2.0 (± 0.1) | |
| Material | | LSZH | |
| Secondary coating | Diameter [µm] Material | 900 (± 5%) LSZH | |
| Nominal weight [kg/km] | | 3.7 | |
| Temperature range [°C] | Storage Installation Operation | -25 up to +60 -10 up to + 50 -20 up to + 60 | IEC 61300-2-22 |
| Maximum tensile strength [mm] | Installation Operation | 200 100 | IEC 60794-1-2 E1 |
| Minimum bending radius [mm] | Installation Operation | 50 25 | IEC 60794-1-2 E11 |
| Compressive strength [N/10cm] | Short term Permanent | 250 100 | IEC 60794-1-2 E13 |
| Heat of combustion [MJ/m] | | 0.08 | |

Fiber types available

| Description | ISO/IEC 11801 EIA/TIA | IEC 60793-2-10 |
|---|--------------------------|----------------|
| Multimode (as per standard ITU-T G.651) | OM1 | A1a.1 |
| | OM2 | A1a.1 |
| | OM3 | A1a.2 |
| | OM4 | A1a.3 |
| | OM5 | A1a.4 |

Optical properties (as per IEC 61753-1)

| Description | | Grade B/2 | Grade C/2 | Grade D/3 |
|------------------------|---------------|-----------|-----------|-----------|
| Insertion loss IL [dB] | 97% | ≤ 0.35 | ≤ 0.50 | ≤ 1.00 |
| | Typical value | ≤ 0.12 | ≤ 0.25 | ≤ 0.50 |
| Return loss RL [dB] | 97% | ≥ 45 | ≥ 45 | ≥ 35 |
| | Typical value | ≥ 55 | ≥ 55 | ≥ 45 |

