

Fiber Patchesnor OM1/OM2/OM3



Multimodus Patchesnor Simplex/Duplex

Multimodus Patchesnor med førsteklasses komponenter, produksjons prosess og test metoder som gir utmerket ytelse for nettverk som gigabit ethernet og ethernet. Singelmodus patchesnoren er laget med LSZH kabel som følger IEC, EIA og TIA standardene.

Egenskaper

- FC, LC, MTRJ, MU, SC and ST connectors
- Low smoke zero halogen (LSZH) jacket in orange colour
- 900µm or 600µm tight buffer
- OM1 fibre conforms to TIA/EIA 492AAAA, IEC60793-2-10 A1b.
- OM2 fibre conforms to ITU-T G.651.1, TIA/EIA 492AAAB, IEC60793-2-10 A1a.1a
- OM3 fibre conforms to ITU-T G.651.1, TIA/EIA 492AAAC, IEC60793-2-10 A1a.2a
- Simplex and duplex assemblies
- Duplex assemblies available with clips (SC and LC)
- Different connector performance range for specific application available
- Armoured option also available
- REACH, RoHS & SvHC materials compliant

Applikasjoner

OM1

- Gigabit Ethernet in high speed LAN networks over an indicative 275m link length at 850 nm (SX) wavelength
- Legacy networks including Ethernet, Fast Ethernet and FDDI
- Data centers
- Premises cabling in data networks including backbone, riser and horizontal
- Supports video, data and voice services

OM2

- For use in 1 Gb/s high speed LAN networks over a 550 m indicative link length at 850 nm wavelength using a laser launch
- High speed and legacy networks including Gigabit Ethernet, Fast Ethernet and Ethernet
- Data centers
- Premises cabling in data networks including backbone, riser and horizontal
- Supports video, data and voice services

OM3

- For use in 10Gb/s high speed LAN networks over a 300m indicative link length at 850nm (SX) wavelength using a laser launch
- For use in 1Gb/s high speed LAN networks over a 1000m indicative link length at 850nm (SX) wavelength using a laser launch
- High speed and legacy networks including Gigabit Ethernet, Fast Ethernet and Ethernet
- Data centers
- Premises cabling in data networks including backbone, riser and horizontal
- Supports video, data and voice services

Spesifikasjoner

Spesifikasjoner på kontaktene

| OPTICAL PERFORMANCE | MULTIMODE | CONFORMANCE |
|----------------------------|-----------|----------------|
| IL Max/Master (Acceptance) | 0.25dB | IEC 61300-3-4 |
| Ave/Master | 0.15dB | IEC 61300-3-4 |
| Ave/Random | 0.20dB | IEC 61300-3-34 |

Note: Return Loss >28dB based on sample data using method IEC 61300-3-6

Spesifikasjoner på Kabelen

| CHARACTERISTICS | SIMPLEX | DUPLEX |
|-----------------------|-------------|-------------|
| Cable Material | LSZH | LSZH |
| Strength Member | Aramid | Aramid |
| Crush | 1000 | 1000 |
| Operating Temperature | -20 to 60 | -20 to 60 |
| Fire Specification | IEC 60332-1 | IEC 60332-1 |

Spesifikasjoner på Fiberen

OM1 CHARACTERISTICS

| | |
|--------------------------|----------------------------|
| Attenuation (dB/km) | 3,0 @ 850nm / 0,8 @ 1300nm |
| Bandwidth OFL (MHz x km) | 200 @ 850nm / 500 @ 1300nm |

OM2 CHARACTERISTICS

| | |
|--------------------------|----------------------------|
| Attenuation (dB/km) | 2,8 @ 850nm / 0,8 @ 1300nm |
| Bandwidth OFL (MHz x km) | 500 @ 850nm / 500 @ 1300nm |

OM3 CHARACTERISTICS

| | |
|---------------------------|-----------------------------|
| Attenuation (dB/km) | 2,8 @ 850nm / 0,8 @ 1310nm |
| Bandwidth OFL (MHz x km) | 1500 @ 850nm / 500 @ 1310nm |
| Bandwidth LEMB (MHz x km) | 2000 @ 850nm |

Bestillingsinformasjon

| El Nr. | Part Name |
|---------|----------------------------|
| 6904311 | Patchesnor LC-LC DX OM1 1m |
| 6904312 | Patchesnor LC-LC DX OM1 2m |
| 6904313 | Patchesnor LC-LC DX OM1 3m |
| 6904314 | Patchesnor LC-LC DX OM1 5m |
| 6904315 | Patchesnor LC-LC DX OM2 1m |
| 6904316 | Patchesnor LC-LC DX OM2 2m |
| 6904317 | Patchesnor LC-LC DX OM2 3m |
| 6904318 | Patchesnor LC-LC DX OM2 5m |
| 6904319 | Patchesnor LC-LC DX OM3 1m |
| 6904320 | Patchesnor LC-LC DX OM3 2m |
| 6904321 | Patchesnor LC-LC DX OM3 3m |

| | |
|---------|----------------------------|
| 6904322 | Patchesnor LC-LC DX OM3 5m |
| 6904328 | Patchesnor SC-SC DX OM1 1m |
| 6904329 | Patchesnor SC-SC DX OM1 2m |
| 6904330 | Patchesnor SC-SC DX OM1 3m |
| 6904331 | Patchesnor SC-SC DX OM1 5m |
| 6904332 | Patchesnor SC-SC DX OM2 1m |
| 6904333 | Patchesnor SC-SC DX OM2 2m |
| 6904334 | Patchesnor SC-SC DX OM2 3m |
| 6904335 | Patchesnor SC-SC DX OM2 5m |
| 6904336 | Patchesnor SC-SC DX OM3 1m |
| 6904337 | Patchesnor SC-SC DX OM3 2m |
| 6904338 | Patchesnor SC-SC DX OM3 3m |
| 6904339 | Patchesnor SC-SC DX OM3 5m |
| 6904344 | Patchesnor ST-ST DX OM1 1m |
| 6904345 | Patchesnor ST-ST DX OM1 2m |
| 6904346 | Patchesnor ST-ST DX OM1 3m |
| 6904347 | Patchesnor ST-ST DX OM1 5m |
| 6904348 | Patchesnor ST-ST DX OM2 1m |
| 6904349 | Patchesnor ST-ST DX OM2 2m |
| 6904350 | Patchesnor ST-ST DX OM2 3m |
| 6904351 | Patchesnor ST-ST DX OM2 5m |
| 6904352 | Patchesnor ST-ST DX OM3 1m |
| 6904353 | Patchesnor ST-ST DX OM3 2m |
| 6904354 | Patchesnor ST-ST DX OM3 3m |
| 6904355 | Patchesnor ST-ST DX OM3 5m |