

## Fiber Patchesnor OM1/OM2/OM3



### Multimodus Patchesnor Simplex/Duplex

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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

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- 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

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### 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

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### Spesifikasjoner på kontaktene

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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