

Fibre Systems for Data Centre environments

Products

The following products must be used to qualify for a LANmark-OF OM4 ULL MPO System warranty:

- LANmark-OF OM4 Ultra low loss MPO-MPO Pre-term assemblies
- LANmark-OF OM4 Ultra low loss MPO module

Applications and performance

LANmark-OF OM4 ULL MPO fibre systems are warranted to support following applications. Guaranteed distances vary depending on application and number of connections.

Ethernet distances-duplex transmission			
# MPO-LC modules	2	4	6
1GBase-SX	930m	910m	890m
10GBase-SR	520m	510m	500m
25GBase-SR	115m	105m	100m
40G BiDi	165m	120m	110m
40G SWDM	350m	350m	350m
100G BiDi	100m	100m	100m
100G SWDM	100m	100m	100m

Ethernet distances-parallel transmission			
# MPO connections	2	4	6
40GBase-SR4	175m	150m	130m
40GBase-SR4 extended distances*	400m	360m	330m
100GBase-SR4	120m	110m	105m

* Nexans approved transceivers

Fibre Channel Distances-duplex transmission			
# MPO-LC modules	2	4	6
1GFC (PI-4 100-M5F-SN-I)	1150m	1120m	1050m
2GFC (PI-4 200-M5F-SN-I)	680m	660m	620m
4GFC (PI-5 400-M5F-SN-I)	480m	420m	410m
8GFC (PI-5 800-M5F-SN-I)	240m	205m	190m
16GFC (PI-5 1600-M5F-SN-I)	160m	135m	130m
32GFC (PI-6 3200-5MF-SN-I)	120m	105m	100m

Applications are only warranted if LANmark-OF OM4 patchcords are used.

Duration

LANmark-OF OM4 ULL MPO fibre systems are warranted for 25 years from date of issue of warranty certificate.

Exclusions

Exclusions relating to misuse, neglect, accidental damage, abuse and excessive wear and tear apply as detailed in the main warranty conditions.