

Fibre Systems for Campus, Risers & Horizontal

## Products

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

Cable description	Campus	Links Riser	Horizontal
TBUN Tight Buffer Universal	•	•	•
MBUN Micro-Bundle Universal	•	•	•
UCUN Unitube Steel Armoring - Universal	•	•	
UDPE Unitube Dielectric Armoring - Outdoor	•		
UCPE Unitube Steel Armoring - Outdoor	•		
MCPE Multitube Steel Armoring - Outdoor	•		

**Connectivity and Pigtailed:** Any Nexans LANmark-OF multimode connectivity and OM4 pigtailed

## Applications and distance support

Nexans LANmark-OF OM4 Fibre systems are warranted to support any current or future application designed to be supported by fibres according to IEC 60793-2-10 A1a.3. Guaranteed distances vary depending on termination method used.

Ethernet distances						
Applications	Pre-Terminated ST/SC/LC Assemblies			Direct termination or splicing with ST/SC/LC		
	2	4	6	2	4	6
1GBase-SX	970m	960m	940m	930m	880m	820m
10GBase-SR	550m	540m	530m	520m	490m	460m
25GBase-SR	120m	110m	105m	110m	90m	70m
40G BiDi	175m	150m	130m	140m	NA	NA
40G SWDM	350m	350m	350m	350m	NA	NA
100G BiDi	100m	100m	100m	100m	NA	NA
100G SWDM	100m	100m	100m	100m	NA	NA

Fibre Channel Distances						
Applications	Pre-Terminated ST/SC/LC Assemblies			Direct termination or splicing with ST/SC/LC		
	2	4	6	2	4	6
1GFC (PI-4 100-M5F-SN-I)	1250m	1230m	1200m	1140m	1000m	800m
2GFC (PI-4 200-M5F-SN-I)	750m	740m	720m	680m	560m	460m
4GFC (PI-5 400-M5F-SN-I)	500m	475m	450m	470m	420m	370m
8GFC (PI-5 800-M5F-SN-I)	250m	230m	220m	220m	190m	130m
16GFC (PI-5 1600-M5F-SN-I)	170m	150m	145m	150m	125m	60m
32GFC (PI-6 3200-5MF-SN-I)	125m	115m	110m	110m	95m	65m

Applications are only warranted if LANmark-OF OM4 patch cords and pigtailed or connectors are used.

## Duration

LANmark-OF OM4 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.