

SPARX® Fiber optic cable Multi-mode OM4, Outdoor, 48 core, Loose Tube, CM, Dielectric armour,

MODEL NUMBER : FCSPARX-M42L2DNS048F



Specifications :

Product Classification	
Regional Availability	Asia Europe Middle East Africa
Portfolio	SPARX®
Product Type	Fiber outdoor cable
Product Series	MM Fiber
General Specifications	
Subunit Type	Gel-free
Cable Type	Loose tube
Construction Type1	armour
Application	Direct Buried Duct
Cable Design	
Fiber Count	48F
Number of ripcords	2 ripcords
Fibre colouring	Blue-orange-green-Brown-grey-white-red-black-yellow-violet-pink-turquoise
Fiber per tube	12F
Outer jacket colour	Black.

Outer jacket material	High Density Polyethylene (HDPE)
Tape	Water-swellable
Tensile strength elements and/or armouring	tape armour
Tube colour coding, layer 1	Blue.
Mechanical Specifications	
Minimum Bend Radius, operation	100 mm
Max. tensile strength for installation	600 N
Crush resistance	2500 N/10 cm
Minimum Bend Radius, installation	200 mm
Optical Specifications	
Fibre category	OS2
Cable cutoff wavelength	1260 nm
Fibre name	OFYX
Fibre compliance	ITU-T G.652.D and ITU-T G.657.A1
Dispersion @ 1550 nm	18 nm
Dispersion @ 1625 nm	22 nm
Maximum Attenuation	0.34 dB/km / 0.34 dB/km / 0.20 dB/km
Wavelengths	1310 nm / 1383 nm / 1550 nm
Fibre Type	Single-mode
Environmental Specifications	
Temperature range, installation	-5 °C to 50 °C
Temperature range, operation	-20 °C to 60 °C
Temperature range, storage	-25 °C to 70 °C
Regulatory Compliance/Certifications	
ROHS	Free of hazardous substances according to RoHS 2011/65/EU

Approvals and Listings	IEC 60794-3-11
Waterblocking	IEC 60794-1-2