

OFYX™ Fiber optic cable Single-mode OS2, Indoor/Outdoor, 48 core, Tight Buffer, LSZH, Dielectric Armoured

MODEL NUMBER : FCOFYX-SM1T3DNS048F



Specifications :

Product Classification	
Regional Availability	Asia Europe Middle East Africa
Portfolio	OFYX®
Product Type	Fiber Indoor/Outdoor cable
Product Series	SM Fiber
General Specifications	
Subunit Type	Gel-free
Flame Rating	Flame-retardant non-corrosive/low-smoke zero-halogen (FRNC/LSZH) material
Cable Type	Single Tube
Construction Type ¹	Dielectric Armour
Application	Aerial Direct Buried Duct General Purpose Horizontal
Cable Design	
Fiber Count	48F
Number of ripcords	2 ripcords
Fiber per tube	12F
Outer jacket colour	Black.

Outer Jacket Material	Flame-retardant non-corrosive/low-smoke silicon-free zero-halogen (FRNC/LSZH) material
REACH Regulation	REACH Declaration
Mechanical Specifications	
Minimum Bend Radius, operation	74 mm (2.91 in)
Nominal outer diameter	7.4 mm (0.29 in)
Max. tensile strength for installation	1350 N (303.49 lbf)
Crush resistance	2500 N/10 cm
Minimum Bend Radius, installation	111 mm (4.37 in)
Optical Specifications	
Fibre category	OS2
Cable cutoff wavelength	1260 nm
Fibre name	OFYX
Fibre compliance	ITU-T G.652.D/G.657.A1
Dispersion @ 1550 nm	18 nm
Dispersion @ 1625 nm	22 nm
Maximum Attenuation	0.4 dB/km / 0.4 dB/km / 0.3 dB/km
Wavelengths	1310 nm / 1383 nm / 1550 nm
Fibre Type	Single-mode
Environmental Specifications	
Temperature range, installation	-10 °C to 60 °C (14 °F to 140 °F)
Temperature range, operation	-30 °C to 70 °C (-22 °F to 158 °F)
Temperature range, storage	-40 °C to 70 °C (-40 °F to 158 °F).
Regulatory Compliance/Certifications	
Design and Test Criteria	ANSI/ICEA S-104-696 NFPA 262 (for plenum - riser and general building applications).
ROHS	Free of hazardous substances according to RoHS 2011/65/EU

Approvals and Listings

Flame retardant according to IEC 60332-1-2 (single cable) | IEC 60332-3-24 (bunch of cables) | Low smoke according to IEC 61034 | Non-corrosive according to IEC 60754-2 | Reaction to fire according to EN 50575 and EN 13501-6