

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

MODEL NUMBER : FCOFYX-SM1T3NNS048F



Specifications :

Product Classification	
Regional Availability	Asia Europe Middle East Africa , Asia Europe Middle East Africa
Portfolio	OFYX®, OFYX®
Product Type	Fiber Indoor/Outdoor cable , Fiber Indoor/Outdoor cable
Product Series	SM Fiber , SM Fiber
General Specifications	
Subunit Type	Gel-free , Gel-free
Flame Rating	Plenum (OFNP) , Plenum (OFNP)
Cable Type	Loose Tube , Loose Tube
Construction Type ¹	Non-armored. , Non-armored.
Application	Duct , Duct
Cable Design	
Fiber Count	24F , 24F

Number of ripcords	1 ripcord , 1 ripcord
Fibre colouring	Blue-orange-green-brown-grey-white-red-black-yellow-Violet-pink-turquoise-blue*-orange*-green*-brown*-grey*-white*-red*-black*-yellow*-violet*-pink*-Turquoise* , Blue-orange-green-brown-grey-white-red-black-yellow-Violet-pink-turquoise-blue*-orange*-green*-brown*-grey*-white*-red*-black*-yellow*-violet*-pink*-Turquoise*
Fiber per tube	12F , 12F
Outer jacket colour	Yellow , Yellow
Central element	Dielectric , Dielectric
Outer Jacket Material	Flame-Retardant UV-Resistant , Flame-Retardant UV-Resistant
Mechanical Specifications	
Minimum Bend Radius, operation	135 mm , 135 mm
Nominal outer diameter	9.1 mm , 9.1 mm
Max. tensile strength for installation	2000 N , 2000 N
Crush resistance	1500 N/10 cm , 1500 N/10 cm
Minimum Bend Radius, installation	160 mm , 160 mm
Optical Specifications	
Fibre category	OS2 , OS2
Cable cutoff wavelength	1260 nm , 1260 nm
Fibre name	OFYX , OFYX
Fibre compliance	ITU-T G.652.D/G.657.A1 , ITU-T G.652.D/G.657.A1
Dispersion @ 1550 nm	18 nm , 18 nm
Dispersion @ 1625 nm	22 nm , 22 nm
Maximum Attenuation	0.4 dB/km / 0.4 dB/km / 0.3 dB/km , 0.4 dB/km / 0.4 dB/km / 0.3 dB/km
Wavelengths	1310 nm / 1383 nm / 1550 nm , 1310 nm / 1383 nm / 1550 nm
Fibre Type	Single-mode , Single-mode
Environmental Specifications	
Temperature range, installation	0 °C to 60 °C (32 °F to 140 °F) , 0 °C to 60 °C (32 °F to 140 °F)

Temperature range, operation	-40 °C to 70 °C (-40 °F to 158 °F), -40 °C to 70 °C (-40 °F to 158 °F)
Temperature range, storage	-40 °C to 70 °C (-40 °F to 158 °F)., -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). , 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 , Free of hazardous substances according to RoHS 2011/65/EU
Approvals and Listings	National Electrical Code® (NEC®) OFNP CSA FT-6., National Electrical Code® (NEC®) OFNP CSA FT-6.