

OFYX™ Fiber optic cable Single-mode OS2,
Indoor/Outdoor, 48 core, Loose Tube, CMP,
Dielectric Armoured

MODEL NUMBER : FCOFYX-SM1L1DNS048F



Specifications :

Produkt Klassifikation	
Regional Availability	Asia Europe Middle East Africa
Portfolio	OFYX®
Product Type	Fiber Indoor/Outdoor cable
Product Series	SM Fiber
Allgemeine Spezifikation	
Subunit Type	Gel-free
Flame Rating	Plenum (OFNP)
Cable Type	Loose Tube
Construction Type1	Dielectric Armour
Application	Aerial Direct Buried Duct General Purpose Horizontal Vertical Riser Plenum
Cable Design	
Fiber Count	48F
Number of ripcords	2 ripcords
Fiber per tube	12F
Outer jacket colour	Black.
Outer Jacket Material	Flame-Retardant UV-Resistant

Tensile Strength Elements and/or Armoring - Layer 1	Dielectric strength members
Tube Color	Yellow..
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	0 °C to 60 °C (32 °F to 140 °F)
Temperature range, operation	-40 °C to 70 °C (-40 °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	National Electrical Code® (NEC®) OFNP CSA FT-6.