

O FYX™ Fiber optic cable Single-mode OS2, Outdoor, 24 core, Single Tube, CM, Dielectric armour

MODEL NUMBER : FCOFYX-SM2S2DNS024F



Specifications :

Product Classification	
Regional Availability	Asia Europe Middle East Africa
Portfolio	O FYX®
Product Type	Fiber outdoor cable
Product Series	SM Fiber
General Specifications	
Subunit Type	Gel-free
Cable Type	Single Tube
Construction Type1	Dielectric Armour
Application	Duct
Cable Design	
Fiber Count	24F
Number of ripcords	2 ripcords

Fibre colouring	1-12: blue- orange- green- brown-slate-white-red-black-yellow-violet-rose-aqua- 13-24: (all with one black ring mark) blue- orange- green- brown-slate-white-red-black-yellow-violet-rose-aqua
Fiber per tube	24F
Outer jacket colour	Black.
Outer jacket material	Linear Low Density Polyethylene (LLDPE)
Tape	Water-swellable
Tensile strength elements and/or armouring	Corrugated steel tape armour
Mechanical Specifications	
Minimum Bend Radius, operation	70 mm
Nominal outer diameter	7 mm
Max. tensile strength for installation	2000 N
Crush resistance	1500 N/10 cm
Minimum Bend Radius, installation	140 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