

**OFYX™ Fiber optic cable Single-mode OS2,
Indoor Drop cable, 2 core, Tight buffer, LSZH,
G657A2**MODEL NUMBER : **FCOFYX-SMTLD02F****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	Flame-retardant non-corrosive/low-smoke zero-halogen (FRNC/LSZH) material , Flame-retardant non-corrosive/low-smoke zero-halogen (FRNC/LSZH) material
Cable Type	Loose Tube , Loose Tube
Construction Type ¹	Non-armored. , Non-armored.
Application	General building applications , General building applications
Cable Design	
Fiber Count	4 , 4
Number of ripcords	1 ripcord , 1 ripcord
Fibre colouring	Blue-orange-green-brown , Blue-orange-green-brown
Fiber per tube	4F , 4F
Outer jacket colour	Yellow , Yellow
Central element	Dielectric strength member , Dielectric strength member
Outer Jacket Material	Flame-retardant non-corrosive/low-smoke silicon-free zero-halogen (FRNC/LSZH) material , Flame-retardant non-corrosive/low-smoke silicon-free zero-halogen (FRNC/LSZH) material

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	-10 °C to 60 °C (14 °F to 140 °F) , -10 °C to 60 °C (14 °F to 140 °F)
Temperature range, operation	-30 °C to 70 °C (-22 °F to 158 °F) , -30 °C to 70 °C (-22 °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	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 , 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
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