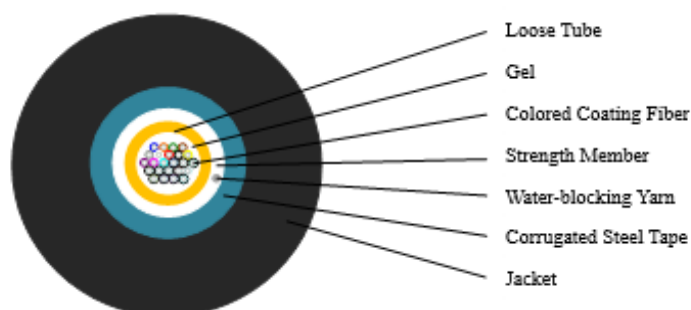




Outdoor Fiber Cables

2-24 Core Outdoor Singlemode Loose Tube PE /LSZH Armoured Cable

Overview



Forteq 2-24 Core Glass Yarn Outdoor Loose Tube, Singlemode G.657A1 PE /LSZH, Armoured, Yellow,
PN: OFA0XXPESM-N or OFA0XXLSSM-N

Fiber Parameters

No.	Items		Unit	Specification
				G.657A1
1	Mode Field Diameter	1310nm	μm	9.0±0.4
		1550nm	μm	10.1±0.5
2	Cladding Diameter		μm	124.8±0.7
3	Cladding Non-Circularity		%	≤0.7
4	Core-Cladding Concentricity Error		μm	≤0.5
5	Coating Diameter		μm	245±5
6	Coating Non-Circularity		%	≤6.0
7	Cladding-Coating Concentricity Error		μm	≤12.0
8	Cable Cutoff Wavelength		nm	$\lambda_{cc} \leq 1260$
9	Attenuation(max.)	1310nm	dB/km	≤0.36
		1550nm	dB/km	≤0.25



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Cable Parameters

Items		Specifications
Fiber Count		2 - 24
Coloured Coating Fiber	Dimension	250μm ± 15μm
	Colour	Blue, Orange , Green, Brown, Grey, White, Red, Black, Yellow, Purple, Pink, Aqua
Loose Tube	Dimension	3.0mm ± 0.1mm
	Material	PBT
	Colour	Neutral
Strength Member	Material	Glass Yarn + Water Proof Yarn
Outer Jacket	Dimension	8.0mm ± 0.3mm
	Material	PE / LSZH
	Colour	Black

Mechanical and Environmental Characteristics

Items	Unit	Specifications
Tension (Long Term)	N	300
Tension (Short Term)	N	600
Crush (Long Term)	N/10cn	300
Crush (Short Term)	N/10cn	1000
Min. Bend Radius (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
Installation Temperature	°C	-10 ~ ± 50
Operating Temperature	°C	-20 ~ ± 60
Storage Temperature	°C	-20 ~ ± 60