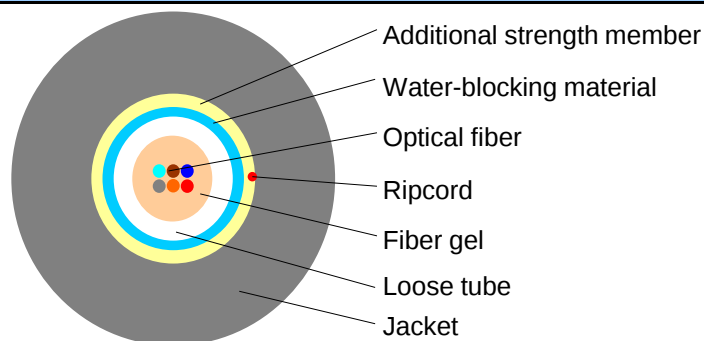


OFC Specification

Cable Type: GYFXTZY

Cable cross section diagram



- not to scale -

Technical data

Fibers	No. of Fibres	6	12
	Fiber type	OM3	
Central Loose tube	Number × Fibres per tube	1*6	1*12
	Filling compound	Thyrotrophic jelly compound	
	Material	PBT(Polybutylene Terephthalate with color coding)	
	Diameter (nominal) /mm	2,60	2,60
	Thickness (nominal) /mm	0,35	0,35
Water blocking elements	Material	Water Swellable Yarn Water Blocking Tape	Water Swellable Yarn Water Blocking Tape
Strength member	Material	Aramid Yarn	Aramid Yarn
Ripcord	Material	Polyester Cords or Plastic Thread	
	Number	1	1
Outer sheath	Material	LSZH, Color : black	
	Thickness (nominal)/mm	1,5	1,5
	Cable diameter (nominal)/mm	6,4	6,4
	Cable weight (nominal)/kg/km	73	80
Packing	Wooden reel, 4.0km/reel ±0.5%	950×590mm	950×590mm

Optical Characteristics

Attenuation @ 1300 nm ≤ 1.0dB/km

Attenuation @ 850 nm ≤ 3.0dB/km

Band width@ 1300 nm ≥ 500MHz.km

Band width@ 850 nm ≥ 1500MHz.km

Main characteristics

Max. tensile load	IEC 60794-1-2-E1	Short term : 800N (Fibre strain ≤ 0.33%, Δα ≤ 0.1dB) □
Crush resistance	IEC 60794-1-2-E3	Short term : 1000N/10cm (Δα ≤ 0.1dB, cable integrity) □
Temperature range	IEC 60794-1-2-F1	Operation -10 -> +70°C Δα ≤ 0.1 dB /km □
Water Penetration	IEC 60794-1-2-F5B	Sample=3m, water=1m, 24h, No water leakage

Note: 1. The nominal outer diameter may vary by ± 5%. 2. The nominal cable weight may vary by ±10%.

Fiber and Loose Tube Color According to EIA/TIA 598 A

1-Blue, 2-Orange, 3-Green, 4-Brown, 5-Grey, 6-White, 7-Red, 8-Black, 9-Yellow, 10-Violet, 11-Pink, 12-Aqua.