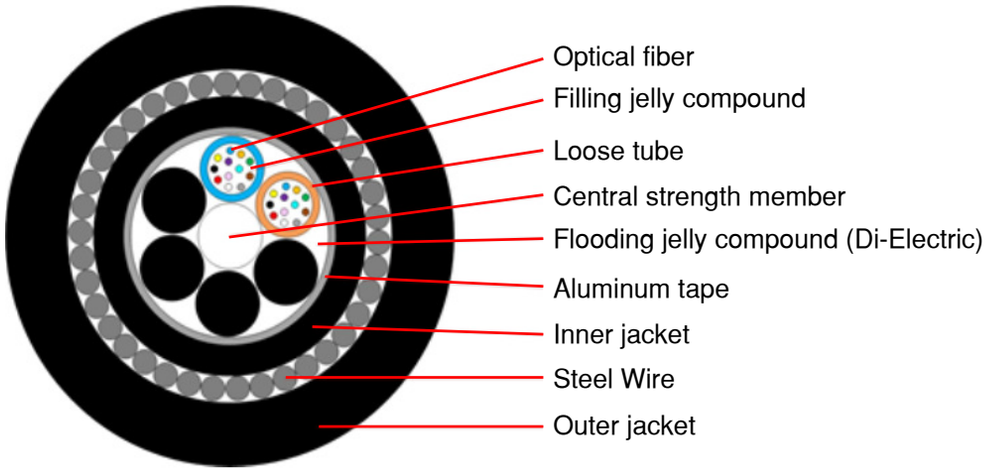
MULTILOOSE TUBE DOUBLE ARMORED FO CABLE

Cross section of cable



Optical fiber type and properties

Item		Unit	Specification
			G.652D
Mode field diameter	1310nm	Um	9-10±10%
Cladding diameter		Um	125.0±2
Cladding non-circularity		%	≤0.8
Coating diameter		Um	250±15
Coating/cladding concertricity error		Um	≤12.5
Cable cut-off wavelength		nm	≤1260
Attenuation Coefficient	1310nm	dB/km	≤ 0.4
	1550nm	dB/km	≤ 0.4
Proof test		kpsi	≤100

(Other parameters meet standard ITU-T G.652)

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Dimensions of cable constructions

Fiber count	Structure	Fibers per ture	Loose tube diamete (mm)	CSM diameter/pad diameter (mm)	Nominal Thickness of Inner jacket (mm)	Nominal Thickness of Outer jacket (mm)	Cable diameter (mm)	Cable weigh (kg/km)
24	1+6	12	2.2±0.1	2.6/2.6	1.2	1.8	16.0±0.5	413

Cable performance

Item		Parameters
Fiber	Color	Full color spectrum
Loose tube	Material	PBT
	Color	Full color spectrum
Filler	Material	PE
	Color	Black
CSM	Material	FRP
Armored	Material	Plastic coated aluminum strip
Inner jacket	Material	HDPE
	Color	Black
Steel wire armored	Material	Galvanized steel wire
	Material	FRPVC
Outer jacket	Color	Black
Min.bendingradious	Static	15 times cable diameter
	Dynamic	20 times cable diameter
Tensile performance	Short term	4000N (Additional attenuation≤0.1dB)
Crush	Short term	3000N/100mm (Additional attenuation≤0.1dB)

Environmental performance

Item	Standard	Parameters
Operation temperature	IEC 60794-1-2 F1	-20°C~+60°C

Drum

	Drum				
Cable type	Height (mm)	Width (mm)	Inner diameter (mm)	Length (km)	Drum type
FC-OS2-24-MLTO-AA-2	1550	1000	650	4	Iron Wood drum