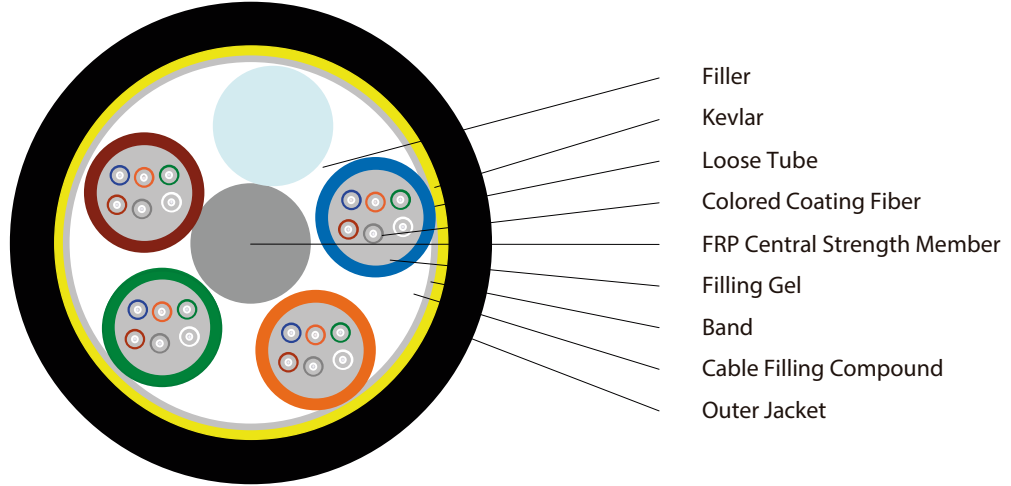


Optical Cable 24 Fibers SM ADSS

PROFILE VIEW



FIBER PARAMETERS

No.	Items	Units	Specification
			G.652D
1	Mode Field Diameter	1310nm	μm 9.2±0.4
		1550nm	μm 10.4±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 ≤0.4
		1550nm	dB/km ≤0.3

CABLE PARAMETERS

Items		Specification
Fiber Count		24
Colored Coating Fiber	Dimension	250 μm ±15 μm
	Color	Blue, Orange, Green, Brown, Grey, White
Loose Tube	Dimension	1.9mm±0.1mm
	Material	PBT
	Color	Blue, Orange, Green, Brown
Filler	Dimension	2.0mm±0.05mm
	Material	PP
	Color	Natural
Central Strength Member	Diameter	1.5mm
	Material	FRP
Outer Jacket	Dimension	8.5mm±0.2mm
	Material	PE
	Color	Black

MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

Items	Units	Specification
Tension (Long Term)	N	700
Tension (Short Term)	N	1800
Crush (Long Term)	N/10cm	300
Crush (Short Term)	N/10cm	1000
Min. Bend Radius (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
SPAN	METER	100
Operating Temperature	°C	-40~+80
Storage Temperature	°C	-40~+80

ORDER INFORMATION

P/N	Description
CFO-0458	Fiber Optic Cable ADSS 24-Fiber SM