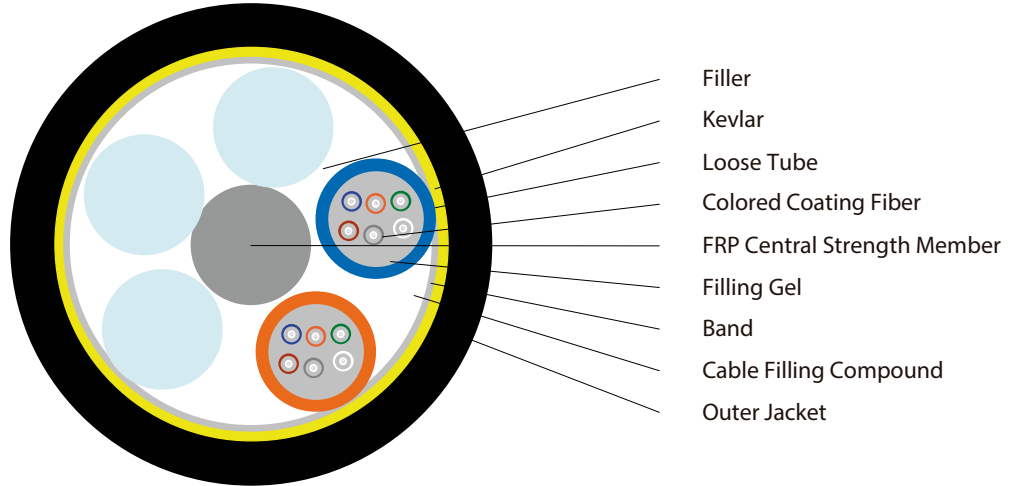


## Optical Cable 12 Fibers SM ADSS

### PROFILE VIEW



### FIBER PARAMETERS

No.	Items	Units	Specification
			G.652D
1	Mode Field Diameter	1310nm	$\mu\text{m}$ 9.2±0.4
		1550nm	$\mu\text{m}$ 10.4±0.5
2	Cladding Diameter	$\mu\text{m}$	124.8±0.7
3	Cladding Non-Circularity	%	≤0.7
4	Core-Cladding Concentricity Error	$\mu\text{m}$	≤0.5
5	Coating Diameter	$\mu\text{m}$	245±5
6	Coating Non-Circularity	%	≤6.0
7	Cladding-Coating Concentricity Error	$\mu\text{m}$	≤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		12
Colored Coating Fiber	Dimension	250 $\mu\text{m}$ ±15 $\mu\text{m}$
	Color	Blue, Orange, Green, Brown, Grey, White
Loose Tube	Dimension	1.9mm±0.1mm
	Material	PBT
Filler	Color	Blue, Orange
	Dimension	2.0mm±0.05mm
	Material	PP
Central Strength Member	Color	Natural, Natural, Natural
	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~+70
Storage Temperature	°C	-40~+70

**ORDER INFORMATION**

P/N	Description
CFO-0358	Fiber Optic Cable ADSS 12-Fiber SM