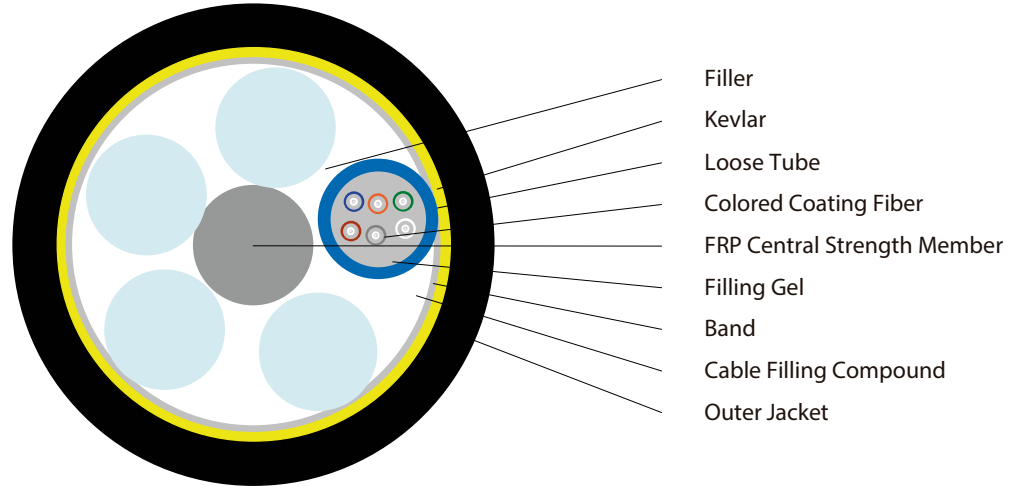


Optical Cable 6 Fibers SM ADSS

PROFILE VIEW



FIBER PARAMETERS

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

CABLE PARAMETERS

Items		Specification
Fiber Count		6
Colored Coating Fiber	Dimension	$250 \mu\text{m} \pm 15 \mu\text{m}$
	Color	Blue, Orange, Green, Brown, Grey, White
Loose Tube	Dimension	$1.9 \text{mm} \pm 0.1 \text{mm}$
	Material	PBT
	Color	Blue
Filler	Dimension	$2.0 \text{mm} \pm 0.05 \text{mm}$
	Material	PP
	Color	Natural, Natural, Natural, Natural
Central Strength Member	Diameter	1.5mm
	Material	FRP
Outer Jacket	Dimension	$8.5 \text{mm} \pm 0.2 \text{mm}$
	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-0258	Fiber Optic Cable ADSS 6-Fiber SM