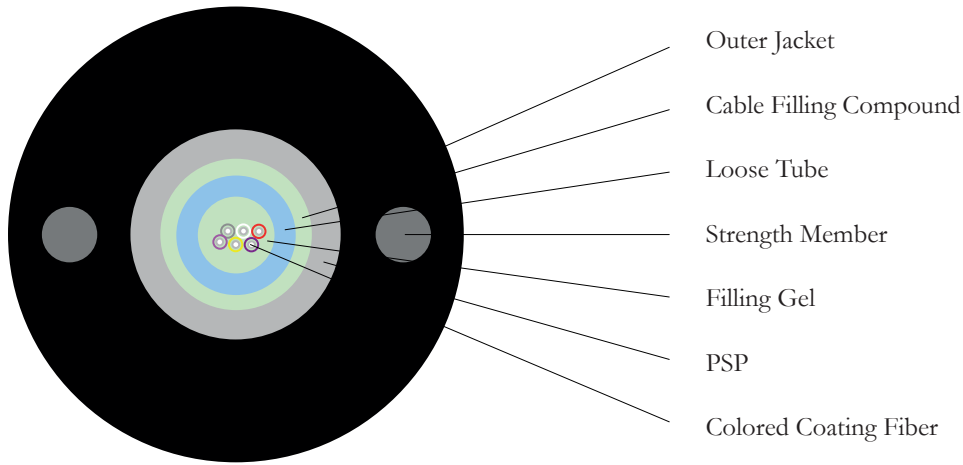


## PROFILE VIEW



## FIBER PARAMETERS

No.	Items	unit	Specification
			10G - 150
1	Core Diameter	$\mu\text{m}$	$50.0 \pm 2.5$
2	Cladding Diameter	$\mu\text{m}$	$124.8 \pm 1.0$
3	Core Non-Circularity	%	$\leq 5.0$
4	Cladding Non-Circularity	%	$\leq 1.0$
5	Core - Cladding Concentricity Error	$\mu\text{m}$	$\leq 1.0$
6	Coating Diameter	$\mu\text{m}$	$245 \pm 7$
7	Coating Non-Circularity	%	$\leq 6.0$
8	Cladding - Coating Concentricity Error	$\mu\text{m}$	$\leq 12.0$
9	OFL Bandwidth	850nm	MHz·km $\geq 1500$
		1300nm	MHz·km $\geq 500$
10	Effective Modal Bandwidth	850nm	MHz·km $\geq 2000$
		1300nm	MHz·km $\geq 500$
11	Attenuation Coefficient	850nm	dB/km $\leq 3.0$
		1300nm	dB/km $\leq 1.0$

## CABLE PARAMETERS

Items		Specifications
Fiber Count		6
Colored Coating Fiber	Dimension	$250\mu\text{m} \pm 15\mu\text{m}$
	Color	Blue, Orange, Green, Brown Gray, White
Loose Tube	Dimension	$2.15\text{mm} \pm 0.05\text{mm}$
	Material	PBT
	Color	Natural
Strength Member	Diameter	1.0mm
	Material	Steel
Outerjacket	Dimension	$8.0\text{mm} \pm 0.3\text{mm}$
	Material	PE
	Color	Black

## MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

Items	Unite	Specifications
Tension (Long Term)	N	600
Tension (Short Term)	N	1500
Crush (Long Term)	N/10cm	300
Crush (Short Term)	N/10cm	1000
Min. Bend Radius (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
Installation Temperature	°C	-20~+60
Operating Temperature	°C	-40~+70
Storage Temperature	°C	-40~+70

COD.	DESCRIPTION
CFO-0252	OPTICAL CABLE OM3 50/125um 6H MULTIMODE ARMORED