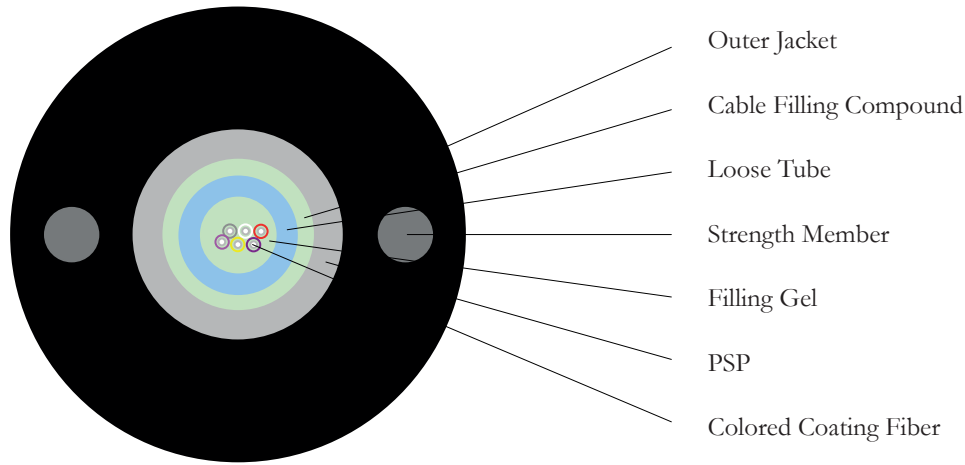


PROFILE VIEW



FIBER PARAMETERS

No.	Items	unit	Specification
			10G-150
1	Core Diameter	μm	50.0 ± 2.5
2	Cladding Diameter	μm	124.8 ± 1.0
3	Core Non-Circularity	%	≤ 5.0
4	Cladding Non-Circularity	%	≤ 1.0
5	Core-Cladding Concentricity Error	μm	≤ 1.0
6	Coating Diameter	μm	245 ± 7
7	Coating Non-Circularity	%	≤ 6.0
8	Cladding-Coating Concentricity Error	μm	≤ 12.0
9	OFL Bandwidth	850nm	MHz·km ≥ 1500
		1300nm	MHz·km ≥ 500
10	Effective Modal Bandwidth	850nm	MHz·km ≥ 2000
		1300nm	MHz·km ≥ 500
11	Attenuation Coefficient	850nm	dB/km ≤ 3.0
		1300nm	dB/km ≤ 1.0

CABLE PARAMETERS

Items		Specifications
Fiber Count		12
Colored Coating Fiber	Dimension	$250\mu\text{m} \pm 15\mu\text{m}$
	Color	Blue, Orange, Green, Brown Gray, White, Red, Black Yellow, Purple, Pink, Aqua
Loose Tube	Dimension	$2.15\text{mm} \pm 0.05\text{mm}$
	Material	PBT
	Color	Natural
Strength Member	Diameter	1.0mm
	Material	Steel
Outer Jacket	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-0253	OPTICAL CABLE OM3 50/125um 12H MULTIMODE ARMORED