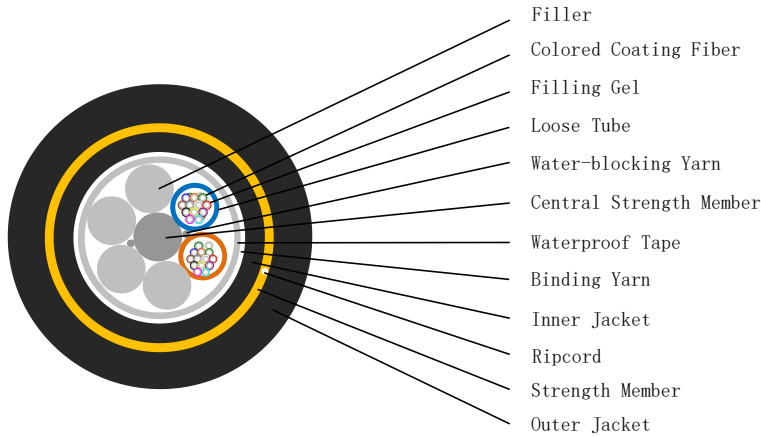


Item No.: PL208

Profile View



Fiber Parameters

No.	Items	Unit	Specification	
			G.657A1	
1	Mode Field Diameter	1310nm	μm	8.8 ± 0.4
		1550nm	μm	9.8 ± 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
10	Macro-Bending Loss	1 turn×10mm radius @1550nm	dB	≤ 0.5
		1 turn×10mm radius @1625nm	dB	≤ 1.0

Cable Parameters

Items		Specifications
Fiber Count		24
Colored Coating Fiber	Dimension	$250\mu\text{m}\pm 15\mu\text{m}$
	Color	Blue、Orange、Green、Brown、Grey、White、Red、Black、Yellow、Purple、Pink、Aqua
Loose Tube	Dimension	$2.1\text{mm}\pm 0.1\text{mm}$
	Material	PBT
	Color	Blue、Orange

Filler	Dimension	2.1mm±0.1mm
	Material	PP
	Color	Natural、Natural Natural、Natural
Central Strength Member	Diameter	2.2mm
	Material	FRP
Inner Jacket	Dimension	8.0mm±0.2mm
	Material	PE
	Color	Black
Strength Member		Aramid Yarn
Outer Jacket	Dimension	12mm±0.3mm
	Material	HDPE
	Color	Black

Mechanical and Environmental Characteristics

Items	Unit	Specifications
RTS	N	5500
MAT	N	2200
EDS	N	990-1370
Crush (Long Term)	N/10cm	300
Span	m	100
Climate	No ice,wind speed less 30m/s	
Crush (Short Term)	N/10cm	1000
Min. Bend Radius (Dynamic)	mm	25D
Min. Bend Radius (Static)	mm	12.5D
Installation Temperature	°C	-20~+60
Operating Temperature	°C	-40~+70
Storage Temperature	°C	-40~+70