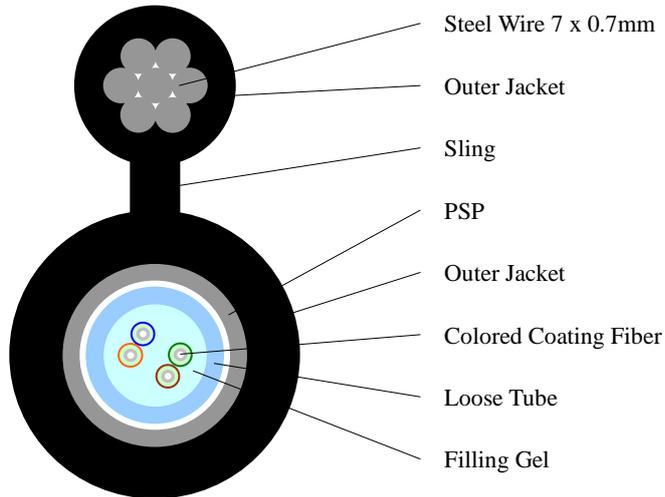


Cross Section Drawing for 4 cores



光纤参数 Fiber Parameters

No.	Description	Unit	Specification	
			G.652D	
1	Mode Field Diameter	1310nm	μm	9.2 ± 0.4
		1550nm	μm	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	dB/km	≤ 0.36
		1550nm	dB/km	≤ 0.22

Cable Specification

Items		Specifications
Fiber Count		4- 12 core
Colored Coating Fiber	Dimension	$250\text{mm}\pm 15\mu\text{m}$
	Color Code in sequence	Blue、 Orange、 Green、 Brown、 Grey、 Natural、 Red、 Black、 Yellow 、 Purple、 Pink、 Aqua
Loose Tube	Dimension	$1.95\text{mm}\pm 0.05\text{mm}$
	Material	PBT



N3050L Outdoor Messenger Cable

	Color	Natural
Strength Member	Dimension	2.1mm (7×0.7mm)
	Material	Steel Wire
Outer Jacket	Dimension	4.1mm±0.2mm /7.5mm±0.3mm
	Material	PE
	Color	Black

Mechanical and Environmental Characteristics

Items	Unit	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

Ordering Information

N3050L-(X4)	Netway 4 core Outdoor Messenger Singlemode Optical fiber Cable, PE Jacketed
N3050L-(X6)	Netway 6 core Outdoor Messenger Singlemode Optical fiber Cable, PE Jacketed
N3050L-(X8)	Netway 8 core Outdoor Messenger Singlemode Optical fiber Cable, PE Jacketed
N3050L-(12)	Netway 12 core Outdoor Messenger Singlemode Optical fiber Cable, PE Jacketed