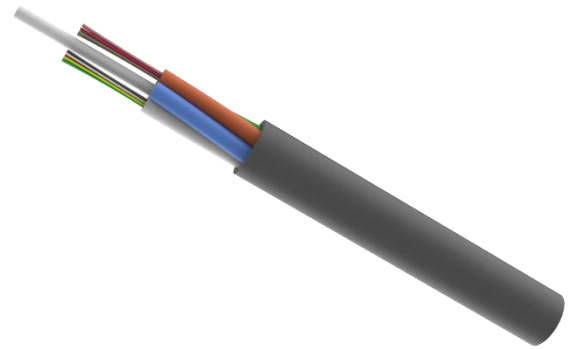


## Duct and Non-Self-Supporting Aerial Cable

### Features

- ◆ Excellent mechanical and environmental performance
- ◆ Good water resistance performance
- ◆ With simple structure easy to install
- ◆ Gel-filled Loose tube protect the fiber well
- ◆ Perfect lightning protection effect with all-dielectric materials



### Fiber & Tube Color Sequence (The color starts from No. 1 Blue.)

1	2	3	4	5	6	7	8	9	10	11	12
Blue	Orange	Green	Brown	Gray	White	Red	Black	Yellow	Violet	Pink	Aqua

### Cable Specification

1	Fiber	Up to 288, Gel-filled
2	Fiber Types	Single-mode or Multimode
3	Cable Constructions	S-Z Stranded loose tube
4	Strength Member	FRP
5	Sheath Options	Single PE Sheath
6	Armored	None
7	Operating Temperature	-40°C - 70°C
8	Compliances	In Accordance with IEC, ITU and EIA standards
9	Applications	Duct and Non-Self-Supporting Aerial Cable

### Fiber Transmission Performance

Cabled Optical fiber (dB/km)	OM1 (850nm/1300nm)	OM2 (850nm/1300nm)	G.652 (1310nm / 1550nm)	G.655 (1550nm / 1625nm)
Max attenuation	3.5/1.5	3.5/1.5	0.36/0.22	0.22/0.26
Typical value	3.5/1.5	3.0/1.0	0.35/0.21	0.21/0.24

### Technical Specification (Remark: The above parameters are typical value; The cable spec can be designed according to customer's requirement.)

Fiber count	24	48	96	144	288
Tensile strength Short Term N	1500	1500	1500	1500	1500
Tensile strength Long Term N	600	600	600	600	600
Crush Resistance Short Term N/100mm	1000	1000	1000	1000	1000
Crush Resistance Long Term N/100mm	300	300	300	300	300
Min. bending radius (Dynamic)	20D	20D	20D	20D	20D
Min. bending radius (Static)	10D	10D	10D	10D	10D
Cable diameter (mm)	9.7	10.9	12.7	15.9	18.3
Cable weight (kg/km)	79	105	136	204	270

