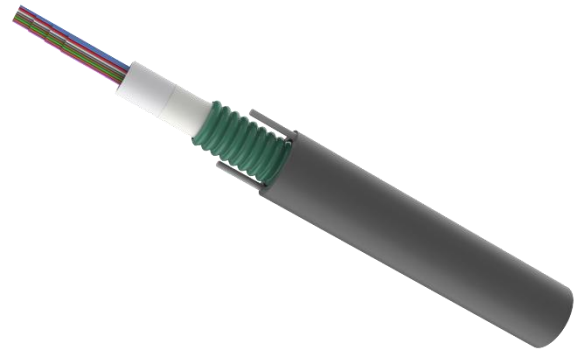


GYDXTW

Ribbon Fiber Optic Cable

Features

- ◆ Increase fiber quantity in cable
- ◆ Good performance in Compound
- ◆ Radiation resistance
- ◆ With simple structure easy to install
- ◆ Easy for construction



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 432, Gel-filled
2	Fiber Types	Single-mode or Multimode
3	Cable Constructions	Central tube
4	Strength Member	Parallel Steel wire
5	Sheath Options	Single PE Sheath
6	Armored	Steel tape
7	Operating Temperature	-40°C - 70°C
8	Compliances	In Accordance with IEC, ITU and EIA standards
9	Applications	Ribbon Fiber Optic Cable Application for trunk line system

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.)

	48	96	144	288	432
Fiber count	48	96	144	288	432
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)	13.4	14.6	16.0	18.8	20.3
Cable weight (kg/km)	172	201	239	320	372

