

Aerial Fiber Optic Cable Stranded Non Metallic Double Sheath Cable GYHTY

Description

GYHTY cable is a outside aerial fiber optic cable which is totally non metallic, and support with FRP strength member in the center. Outside stranded loose tube core unit, there are PE inner sheath and aramid yarn inside the final PE outer sheath. Double sheath makes it good mechanical properties and the same time non metallic features.

Application

Aerial installation, Metropolitan area network

Features

- Non metallic structure for aerial installation
- Double PE sheath to protect the aerial fiber optic cable in outside
- Central FRP strength member
- Aramid yarn provides excellent performance on tensile
- Loose tube that is hydrolysis resistance and high modulus
- Complete cable core filling compound
- Good pressure resistance and flexibility
- Mechanical properties and temperature characteristics is guaranteed

Specifications

Fiber Count	Tubes	Fillers	Cable Diameter (mm)	Tensile Strength (N)		Crush Resistance (N/100mm)		Bending Radius (mm)		Cable Weight (kg/km)
				Short Term	Long Term	Short Term	Long Term	Dynamic	Static	
2~6	1	5	10.7	1,000	400	1,000	300	20D	10D	90
8~12	2	4	10.7	1,000	400	1,000	300	20D	10D	90
14~18	3	3	10.7	1,000	400	1,000	300	20D	10D	90
20~24	4	2	10.7	1,000	400	1,000	300	20D	10D	90
26~30	5	1	10.7	1,000	400	1,000	300	20D	10D	90
32~36	6	0	10.7	1,000	400	1,000	300	20D	10D	90

Remark:

The nominal value of the PE sheath thickness is 1.6mm.