

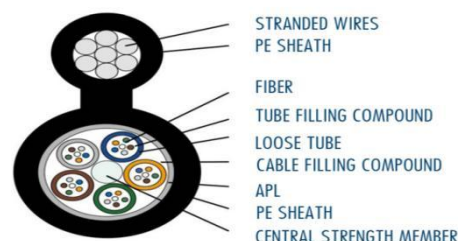
Product Specifications



Figure 8 Cable(GYTC8A/S)

Standard

Reference with standard YD/T 1155-2001 as well as IEC60794-1



Description

The fibers, 250 μ m, are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound.

A steel wire locates in the center of core as a metallic strength member. The tubes (and fillers) are stranded around the strength member into a compact and circular cable core. After an Aluminum Polyethylene Laminate (APL) moisture barrier is applied around the cable core, this part of cable accompanied with the stranded wires as the supporting part are completed with a polyethylene (PE) sheath to be figure 8 structure. Figure 8 cable DCTC8A/S, DCTC8B/S are also available on request.

This type of cable is specifically applied for self-supporting aerial installation.

Characteristics

- High tensile strength of stranded wires meet the requirement of self-supporting and reduce installation cost
- Good mechanical and temperature performance
- High strength loose tube that is hydrolysis resistant
- Special tube filling compound ensure a critical protection of fiber
- The following measures are taken to ensure the cable watertight
- Steel wire used as the central strength member;
- Loose tube filling compound;
- 100% cable core filling;

Product Specifications



Technical parameters

Cable Type(Increlased by 2 fibers)	Fiber Count	Tubes	Fillers	Cable Diameter mm	Cable Weight Kg/km	Tensile Strength Long/short term N	Crush Resistance Long/short term N/100mm	Bending Radiu Dyna mic/Static mm
GYTC8A/S-2~30	2~30	1~5	4~0	8.9*15.9	139/153	600/1500	300/1000	20D/10D
GYTC8A/S-32~36	32~36	6	0	9.2*16.2	147/162	600/1500	300/1000	20D/10D
GYTC8A/S-38~60	38~60	4~5	1~0	9.5*16.5	147/162	600/1500	300/1000	20D/10D
GYTC8A/S-62~72	62~72	6	0	10.0*17.0	163/179	600/1500	300/1000	20D/10D
GYTC8A/S-74~96	74~96	7~8	1~0	11.2*18.2	175/194	600/1500	300/1000	20D/10D