

Figure 8 Aerial Outdoor Fiber Optic Cable Multi Tube Light Armored Self Support Cable GYTC8A/S

Description

GYTC8A outdoor aerial self-supporting figure 8 fiber optic cable is structured with 250µm in loose tube made of high modulus plastic, which was filled with water resistant filling compound to protect the fibers. And all loose tube and fillers are stranded around a central strength member into a compact and circular cable core. After the cable core finished, there is an aluminum polyethylene laminate (APL) moisture barrier, and filled with filling compound to protect cable from water. This part of cable is accompanied with a stranded wires as the supporting part. In the end, cable part and stranded wires are completed with polyethylene (PE) sheath to be figure 8 structure.

Application

Core network, Metropolitan area network, Access network, FTTH feeder and distribution

Features

- High tensile strength stranded wires meet the requirement of self-supporting
- Reduce installation costs with self-supporting cable structure
- Good performance of mechanical and temperature
- Hydrolysis resistant high strength loose tube
- Critical protection of fiber from special tube filling compound
- CSM, tube filling compound, 100% cable filling and APL to ensure cable to be watertight

Product Mechanical performance parameter

Cable Code	Fiber Count	Tubes	Fillers	Cable Diameter(m)	Cable Weight Kg/Km	Tensile Strength (Long/Short term N)	Crush (Long/Short N/100mm)	Resistance term	Bending Radius Dynamic / Static mm
GYTC8A/S-2-30	2-30	44 93 1	4	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	45 02 1	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

Transport/Storage/Operating Temperature: - 40°C~ + 70°C