

GYXTC8S type optical cable

ABC-I Access Building Cable

Description

GYXTC8S type optical cable is center pipe loosing jacket filling type, steel-PE adhesive jacket, 8 font self undertaken type communication outdoor optical cable.

Characteristics

Being used full section water retardant structure it possesses good water retardant and dampproof property

Special factice is filled into inside of loosing jacket and takes key protection to optical fiber

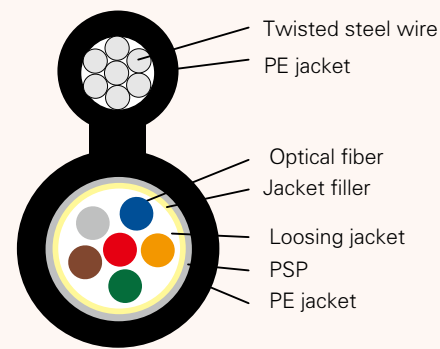
Vertical wrapped steel strip strengthens resisting lateral pressure ability

8 font self undertaken type structure possesses high tensile strength and is convenient for aerial installation and its installation cost is cheap

The service life of the product will be more 30 years

Standards

Complies with Standard YD/T 1155-2001 as well as IEC60794 - 1.



Cable structure

Technical parameters

Cable Type (Increased by 2 fibers)	Fiber Count	Fiber Count	Cable Weight Kg/km	Cable Diameter mm	Tensile Strength Long/Short term N	Crush Resistance Long/Short term N/100mm
GYXTC8S-2-8	2-8	8	117	8.1x16.9	≥2000/≥6000	≥300/≥1000
GYXTC8S-10-12	10-12	12	121	8.3x17.0		

Storage/Operating Temperature: - 40°C to + 70°C

Description

The fibers ,Φ250 μ m, are positioned in a loose tube made of high modulus plastic. The tubes are filled with a water-resistant filling compound. The tube is covered with a layer of glass yarn as strength member. The cable is completed with a LSZH (LSZH, Low smoke, Zero halogen, Flame-retardant) material Jacket.

Characteristics

Good mechanical and temperature performance

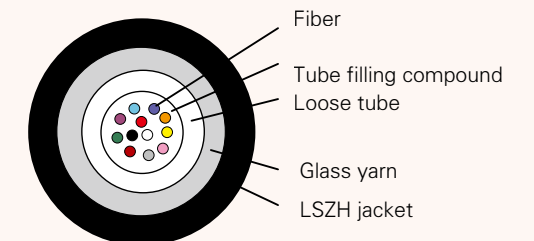
High strength loose tube that is hydrolysis resistant

Glass yarn strength member ensure tensile strength

Crush resistance and flexibility

Standards

Comply with Standard YD/T 1258.4-2005, ICEA-596, GR-409, IEC 60794, IEC 332-1 and IEC 332-3C



Cable structure

Technical parameters

Cable Type	Fiber Count	Cable Diameter mm	Unitube Diameter mm	Cable Weight Kg/km	Tensile Strength Long/Short term N	Crush Resistance Long/Short term N/100mm	Bending Radius Static/Dynamic mm
ABC-I-02-12	2-12	6.8 ± 0.5	3.0	55.5	400/1000	300/1000	10D/20D
ABC-I-14-24	14-24	7.8 ± 0.5	4.0	67	400/1000	300/1000	10D/20D

Transport/Storage/Operating Temperature: - 20°C~ + 60°C, Installation Temperature: - 50°C~ + 50°C