

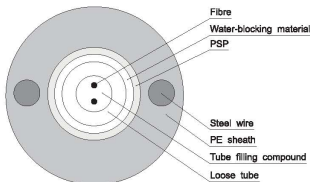
Unitube Light-armored Cable(GYXTW)

Description

The fibres, either of single-mode or multimode type, are positioned in a loose tube made of a high modulus plastic. The tube is filled with a water-resistant filling compound. The tube is wrapped with a layer of PSP longitudinally. Between the PSP and the loose tube water-blocking material is applied to keep the cable compact and watertight. Two parallel steel wires are placed at the two sides of the steel tape. The cable is completed with a polyethylene(PE) sheath.

Characteristics

- Accurate fibre excess length ensures good mechanical and temperature performance
- High strength loose tube that is hydrolysis resistant and special tube filling compound ensure a critical protection of fibres
- Specially designed compact structure is good at preventing loose tubes from shrinking
- PE sheath protects cable from ultraviolet radiation
- Crush-resistance and flexibility
- PSP enhances the cable crush-resistance, impact-resistance and moisture-proof
- Two parallel steel wires ensure tensile strength
- Small diameter, light weight and installation friendliness
- Long delivery length



GYXTW-2~48Xn

Storing temperature: -40℃ to +70℃
 Operating temperature: -40℃ to +70℃
 Bending radius: Static 10×D
 Dynamic 20×D

Application: Duct/Aerial/Direct buried
 Issue date: 2008-06
 YOFC-MKD-311E

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Cable Type (increased by 2 fibres)	Fibre Count	Loose Tube Size mm	Sheath Thickness mm	Cable Diameter mm	Cable Weight kg/km	Strength Long/Short Term N	Crush Resistance Long/Short Term N/100mm
GYXTW-2-12Xn	2-12	2.0/3.0	2.6	10.2	105	600/1500	1000/3000
GYXTW-2-12Xn	2-12	2.0/3.0	3.0	11.0	132	1000/3000	1000/3000
GYXTW-14-24Xn	14-24	2.8/4.0	3.0	13.0	215	1000/3000	1000/3000
GYXTW-26-36Xn	26-36	3.8/5.0	3.0	14.6	272	1000/3000	1000/3000
GYXTW-38-48Xn	38-48	4.8/6.0	3.0	15.6	306	1000/3000	1000/3000

Note:

- Suffix Xn denotes fibre type and see details in YOFC's cable coding illustration.
- The colour arrangement of fibre is specified in the colour identification table.
- The flat steel tape is applied in the cable with fiber count under 12 (including 12) while the corrugated steel tape is applied in the cable with fiber count over 12.

