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500501-035080032096

ОБгП * 8 – 3.5
ТУ У 31.3-00214534-036-2004

Fiber optic module-core cables, corrugated steel-tape armoured, with polyethylene outer sheath

Mark formation:

ОБгП-[a]-[b] [c]8(8x[e])-3.5

[a] central strength element

- *C – steel*
- *No marks – dielectric*

[b] quantity of optical fibers in the cable, possible values

- *32, 48, 64, 80, 96, 104, 112, 120, 128*

[c] type of optical fiber

- *E – single-mode (ITU-T G.652B)*
- *A – single-mode with extended wavelength band (ITU-T G.652D, ITU-T G.657A1)*
- *C – single-mode with non-zero shifted dispersion (ITU-T G.655)*
- *M – multimode with core and sheath diameter ratio 50 : 125 mm (ITU-T G.651)*
- *B – multimode with core and sheath diameter ratio 62.5 : 125 mm (IEC 60793-2)*

[e] quantity of optical fibers in the module:

- *1 ... 16*

Manufacturing of cables in climate version F is possible
Manufacturing of cables with steel strength element is possible
Manufacturing of cables with dielectric armour (of glass fiber rod) is possible
It is possible to manufacture cables with gel-filled core or dry core (with water-blocking yarns and tapes)
It is possible to manufacture cables with a number of core elements up to and including 18

Order placing: sample of indication (corresponds to configuration pattern)
ОБгП-64А8(8х8)-3.5 • ТУ У 31.3-00214534-036-2004

Cables are used for:

- *installation in pipes (including air installation method), blocks, collectors at risk of damage by rodents, as well as in soil by mechanical method*

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ОБгП * 8 – 3.5
ТУ У 31.3-00214534-036-2004

Fiber optic module-core cables, corrugated steel-tape armoured, with polyethylene outer sheath

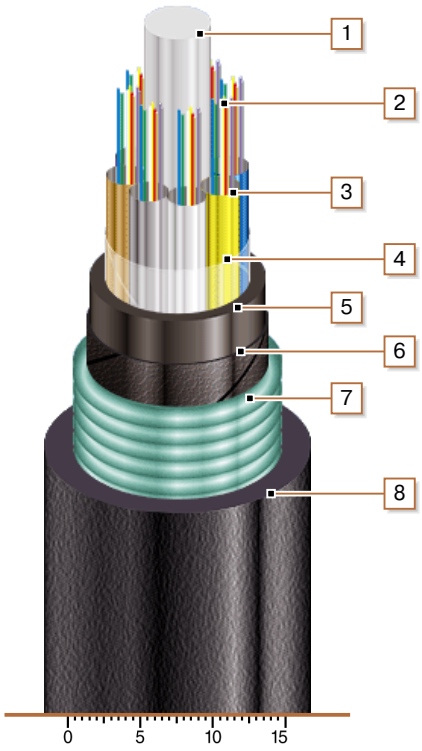
TECHNICAL SPECIFICATIONS

Number of cable core elements	units	8
Number of optical fibers in cable	units	32 ... 128
Electrical resistance of sheath insulation, not less than	MOhm • km	2000
Permissible tensile force	kN	3.5
Permissible crushing force, no less than	N/10 sm	3000
Operating temperature range	˚C	-40 ... +60
Operating temperature range (in climate version F)	˚C	-60 ... +60
Cable weight (approximate, depending on construction)	kg/km	245 ... 275
Rated outer diameter of the cable (for reference only, depending on construction) **	mm	17 ... 19
Minimum bending radius during laying	mm	380

Notes:

When ordering it is neccesary to agree the factory length of the product with the manufacturer

*** The external diameter may differ from the rated up to ± 10 %*



CONSTRUCTION

1. Central dielectric strength element
2. Optic fibers
3. Tube of fiber optic module
4. PET film winding
5. Polyethylene inner sheath
6. Lapping layer of water-blocking tape or thread
7. Armour of corrugated steel tape, polyethylene-laminated
8. Polyethylene outer sheath

Note: optical module twisting is not illustrated

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