



ОЦАрП * 1 – 2.7 ТУ У 31.3-00214534-050:2005

Fiber optic tubular-core cables, glass-thread armoured, with polyethylene outer sheath

Mark formation:

ОЦАрП-[b] [c]1(1x[e])-2.7

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

- 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 24, 26, 28, 30, 32, 36, 40, 48

[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 ... 48

Manufacturing of cables in climate version F is possible

Manufacturing of cables with flame-retardant polymer compound outer sheath is possible

Order placing: sample of indication (corresponds to configuration pattern)

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Cables are used for:

- use in cable ducts, pipes, blocks without risk of damage by rodents and without threat of possible flood for a long period



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TECHNICAL SPECIFICATIONS

| | | |
|--|-----------|----------------------|
| Number of optical fibers in cable | units | 2 ... 48 |
| Electrical resistance of sheath insulation, not less than | MOhm · km | 2000 |
| Permissible tensile force | kN | 2.7 |
| Permissible crushing force, no less than | N/10 sm | 2000 |
| Operating temperature range | °C | -40 ... +60 |
| Operating temperature range (in climate version F) | °C | -60 ... +60 |
| Cable weight (approximate) | kg/km | 65 |
| Rated outer diameter of the cable (for reference) ** | mm | 8.3 |
| Minimum bending radius during laying | mm | 166 |
| Rated factory cable length and gross weight of the delivery on the drums | m, t | # 10a: ***4000 · 0.4 |

Notes:

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

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

*** Option delivery on not full drum

CONSTRUCTION

1. Optic fibers
2. Tube of fiber optic module
3. Glass-thread layer
4. Polyethylene outer sheath

Note: Manufacturing of cables with flame-retardant polymer compound outer sheath is possible

