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501101-080010002012

# ОЦПТ * 1 – 8
# ТУ У 31.3-00214534-047:2005

Fiber optic overhead tubular-core cables, with polyethylene outer sheath

**Mark formation:**
ОЦПТ -[b] [c]1(1x[e])-8
[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 armouring (aramid yarns and/or corrugated steel tape) is possible
Manufacturing of cables with dielectric wire rope (glass fiber rod) is possible
Manufacturing of cables with flame-retardant polymer compound outer sheath is possible

Order placing: sample of indication (corresponds to configuration pattern)
ОЦПТ-8А1(1х8)-8 • ТУ У 31.3-00214534-047:2005

Cables are used for:
• *suspensions and operation at supports of aerial contact-lines, urban electric transport and aerial power transmission lines under impact of wind, ice or their combination loads, as well as between buildings and facilities*

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# ОЦПТ * 1 – 8
# ТУ У 31.3-00214534-047:2005

Fiber optic overhead tubular-core cables, with polyethylene outer sheath

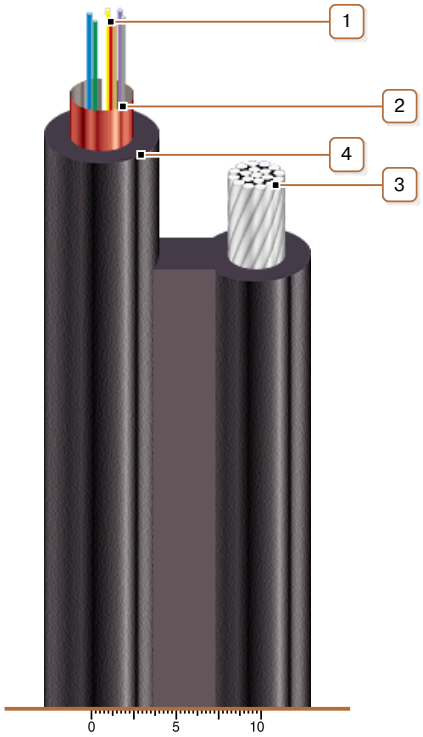
## TECHNICAL SPECIFICATIONS

| | | |
|---|---|---|
| Number of optical fibers in cable | units | 2 ... 48 |
| Electrical resistance of sheath insulation, not less than | MOhm • km | 2000 |
| Permissible tensile force | kN | 8 |
| 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 | 120 |
| Rated outer diameter of the cable (for reference) ** | mm | 6.7 |
| Cable width with suspension element (for reference only) | mm | 15.7 |
| Minimum bending radius during laying | mm | 134 |

*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. Optic fibers*

*2. Tube of fiber optic module*

*3. Extended strength member (rope)*
*Note: Manufacturing of cables with dielectric wire rope (glass fiber rod) is possible*

*4. Polyethylene outer sheath*
*Note: Manufacturing of cables with flame-retardant polymer compound outer sheath is possible*

*Note: Manufacturing of cables with armouring (aramid yarns and/or corrugated steel tape) is possible*