

ОЦП * 1 – 1
ТУ У 31.3-00214534-050:2005

Fiber optic tubular-core cables with polyethylene outer sheath

Mark formation:

ОЦП -[b] [c]1(1x[e])-1

[b] quantity of optical fibers in the cable, possible values: 2 4 6 8 10 12

[c] type of optical fiber

- E – single-mode (ITU-T G.652B)
- A – single-mode with extended wavelength band (ITU-T G.652D)
- 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] 2 ... 12 – quantity of optical fibers in the module

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

TECHNICAL SPECIFICATIONS:

Number of optical fibers in cable	units	2 ... 12
Electrical resistance of sheath insulation, not less than	MOhm · km	2000
Permissible tensile force	kN	1
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	45
Rated outer diameter of the cable (for reference) **	mm	7.1
Minimum bending radius by laying	mm	142

Notes:

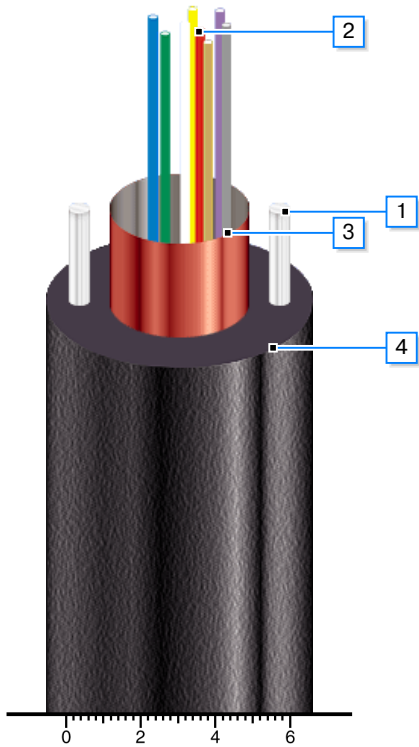
When ordering it is necessary to agree the factory length of the product with the manufacturer

** The external diameter may exceed the rated by up to 10 %



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CONSTRUCTION:

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1. *Steel wire in sheath*
 2. *Optic fibers*
 3. *Tube of fiber optic module*
 4. *Polyethylene outer sheath*
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