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500902-010010002012

ОЦАрП * 1 – 1
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])-1
[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)
ОЦАрП-8А1(1х8)-1 • ТУ У 31.3-00214534-050:2005

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

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

TECHNICAL SPECIFICATIONS

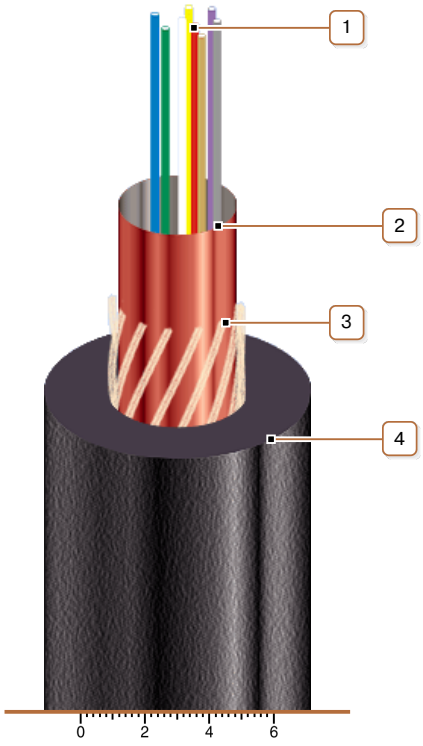
Number of optical fibers in cable	units	2 ... 48
Electrical resistance of sheath insulation, not less than	MOhm • km	2000
Permissible tensile force	kN	1
Permissible crushing force, no less than	N/10 sm	2000
Operating temperature range	°C	-40 ... +60
Operating temperature range (in climate version F)	°C	-60 ... +60
Cable weight (approximate)	kg/km	60
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 • 0.3

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 %*

**** 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

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