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ОАрП \* 6 – 3.5 ТУ У 31.3-00214534-036-2004

Fiber optic module-core cables, aramid-yarn armoured, with polyethylene outer sheath

#### Mark formation:

OAp $\Pi$ -[a]-[b] [c]6([d]x[e]+[f])-3.5

[a] central strength element

- · C steel
- · No marks dielectric

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

- 4, 6, 8, 10, 12, 16, 18, 20, 22, 24, 28, 30, 32, 36, 40, 48, 60, 64, 72, 78, 84, 90, 96 [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)

[d] 1 ... 6 – number of optical modules in cable

[e] quantity of optical fibers in the module:

• 1 ... 16

(f) quantity of insulated copper conductors in cable

Optical modules are completed with string fillers up to total number of core elements

Manufacturing of cables with two copper insulated remote power conductors instead of two string fillers is possible

Manufacturing of cables in climate version F 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)  $OAp\Pi-36A6(6x6)-3.5 \cdot TY Y 31.3-00214534-036-2004$ 

# Cables are used for:

• suspensions between buildings and facilities, at power substantions, at contact-line supports, at communication and lightning, power transmission lines supports











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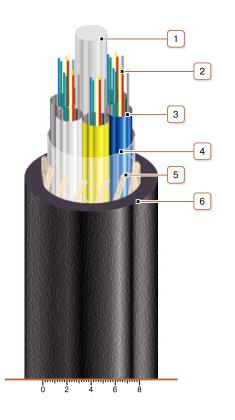
## **TECHNICAL SPECIFICATIONS**

units	6
units	4 96
MOhm ⋅ km	2000
kN	3.5
N/10 sm	3000
°C	-40 +60
°C	-60 +60
kg/km	95 110
mm	11 12
mm	240
m, t	# 10a: 3120 · 0.4
	# 12a: **** 4000 • 0.5
	units  MOhm • km  kN  N/10 sm  °C  °C  kg/km  mm

## Notes:

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

<sup>\*\*\*\*</sup> Option delivery on not full drum



## CONSTRUCTION

- 1. Central dielectric strength element
- 2. Optic fibers
- 3. Tube of fiber optic module
- 4. PET film winding
- 5. Aramid-thread layer
- 6. Polyethylene outer sheath

#### Notes:

- · Optical module twisting is not illustrated.
- Manufacturing of cables with two copper insulated remote power conductors instead of two string fillers 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

<sup>\*\*</sup> The external diameter may differ from the rated up to  $\pm$  10 %