





Simplex- * (3)PVC-0.2 TY Y 27.3-00214534-113:2019

Fiber optic indoor cables with low fire-risk PVC compound outer sheath

Mark formation:

Simplex-[c](3)PVC-0.2

[c] type of optical fiber

- A single-mode with extended wavelength band (ITU-T G.652D, ITU-T G.657A1)
- D single-mode, not sensitive to losses on macro-bending (ITU-T G.657A2)

Order placing: sample of indication

Simplex-A(3)PVC-0.2

Fully dielectric, resistant to electromagnetic interferences, flexible and easy-to-install cables. Can be installed in the proximity of electric wiring. Can be used together with any kind of connectors. The sheath is made of flame retardant materials

Cables are used for:

- · for analog and digital signal transmission by whole optic local networks bandwidth
- · for installation on in closed spaces
- · for optoelectronic devices connecting
- · for patch-cords and pigtails manufacturing

Fire safety code in accordance with ДСТУ 4809:2007: ПБ103121000

Products of this mark meet the requirements:

- · single wire cable flame retardance
- toxicity class Tk3 of the combustion products of nonmetallic elements (toxicity index over 120 g/m3)
- class $\Pi T \kappa 1$ on smoke-forming ability by smouldering of non-metallic elements (coefficient of smoke formation from 50 to 500 m²/kg)
- class ДΠκ2 on smoke-forming ability by combustion (minimum luminous flux more than 60 %)
- corrosive class Kk1 of combustion products of non-metallic elements (the number of halogen hydrides less than 150 mg/g, pH less than 4.3, specific conductivity more than 10 μ S/mm)







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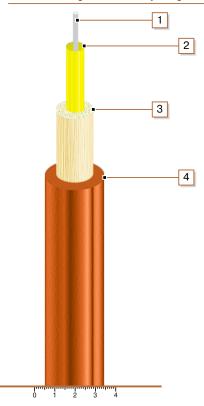
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TECHNICAL SPECIFICATIONS

units	1
N	400
N	200
N/10 sm	500
°C	-5 +50
°C	-5 +50
°C	-5 +50
kg/km	10.8
mm	3
mm	30
mm	45
	N N N/10 sm °C °C °C °C kg/km mm

Notes:

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



CONSTRUCTION

- 1. Optic fibers
- 2. Tight buffer
- 3. Aramid-thread layer
- 4. Low fire-risk PVC compound sheath