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СБПАШп 24х2х0.9 ТУ У 31.3-00214534-008-2001

Signal blocking cables with copper conductors, with polyethylene insulation, in aluminium sheath, in polyethylene hose

Designed for electrical installations of railway signaling, centralization, blocking and automation at a rated voltage of 380 V AC at frequency 50 Hz or 700 V DC

Cables are used for laying:

in soil

at external electrical influences

• in the absence of mechanical effects on cable

TECHNICAL SPECIFICATIONS

| Rated voltage | V | 380 / 700 |
|---|-----------------|-------------------|
| Number of pairs and nominal conductor diameter | | 24 x 0.9 |
| Electrical resistance of the conductor at 20 °C | Ohm/km | 28.8 |
| Operating capacity, not more than | nF/km | 100.0 |
| Attenuation coefficient of pairs at a temperature of 20 °C, not | dB/km | 1.04 |
| more than | | |
| Coupling losses on near-end of cable between any pairs over a | length of 300 m | n, not less than: |
| for 100% of the values | dB | 60.0 |
| for 80% of the values | dB | 62.0 |
| Protective action coefficient of aluminium sheath at | | 0.7 |
| longitudinal EMF of 30 V/ km, not more than: | | |
| Operating temperature range | °C | -50 +60 |
| Minimum bending radius by laying | mm | 210 |
| Cable outer diameter (for reference only) ** | mm | 30 |
| Cable weight (approximate) | kg/km | 970 |
| Rated factory cable length and gross weight of the delivery | m, t | # 14: 700 • 0.9 |
| on the drums *** | | # 16a: 1120 • 1.3 |
| Notes: | | |

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 \pm 10 %



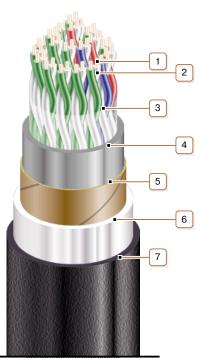


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0 5 10 15 20

CONSTRUCTION

- 1. Copper conductor
- 2. Polyethylene insulation
- 3. PET film winding
- 4. Polyethylene inner sheath
- 5. Paper core wrapping
- 6. Aluminium sheath
- 7. Polyethylene protection hose

Note: Pair twisting in the layer of core on the picture not shown.