



Micro Tube 12 * (1x12)-1 TY Y 27.3-00214534-116:2019

Fiber optic distribution cables of micro-tube construction with HDPE sheath

Mark formation:

Micro Tube 12[c](1x12)-1

[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

Micro Tube 12A(1x12)-1

Cable construction provides fast access to micro-tubes and fibres (no tools required), minimum of sealing compound and avoiding the risk of micro-tube kinking

Cables are used for:

- for digital signal transmission in optic local networks as distribution cables
- for compact outdoor installation in PE ducts by pulling or floating techniques

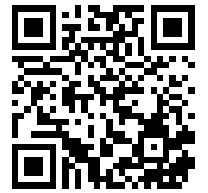
TECHNICAL SPECIFICATIONS

| | | |
|--|---------|-------------|
| Number of optical micro-tube in cable | | 1 |
| Number of optical fibers in cable | units | 12 |
| Permissible tensile force (short-term) | N | 1000 |
| Permissible tensile force (continuous) | N | 500 |
| Permissible crushing force, no less than | N/10 sm | 1500 |
| Ambient temperature | | |
| • during operation | °C | -30 ... +70 |
| • during storage and transportation | °C | -30 ... +70 |
| • during laying and installation | °C | -10 ... +40 |
| Cable weight (approximate) | kg/km | 50 |
| Rated outer diameter of the cable (for reference) ** | mm | 7.7 |
| Minimum bending radius during laying | mm | 154 |
| Minimum bending radius during operation | mm | 77 |

Notes:

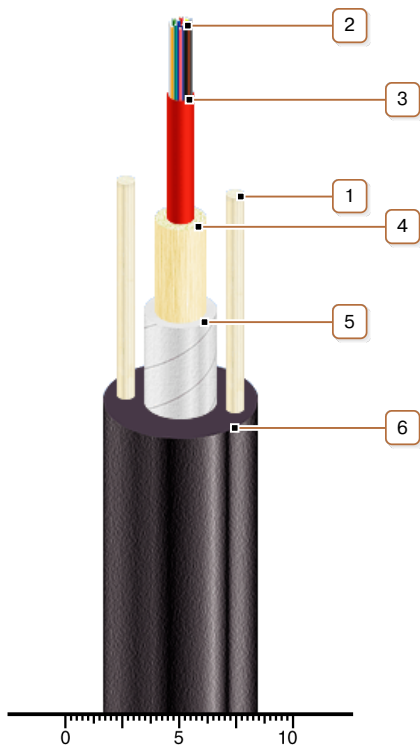
When ordering it is necessary to agree the factory length of the product with the manufacturer

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



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CONSTRUCTION

1. Fiberglass rod in sheath
2. Optic fibers
3. Tube of fiber optic micromodule
4. Aramid-thread or glass-thread layer
5. Lapping layer of water-blocking tape
6. HDPE outer sheath