



Micro Tube 192 * (16x12)-2.2 TY Y 27.3-00214534-116:2019

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

Mark formation:

Micro Tube 192[c](16x12)-2.2

[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

Micro Tube 192A(16x12)-2.2

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

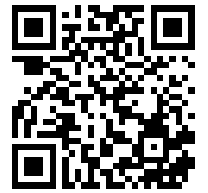
TECHNICAL SPECIFICATIONS

| | | |
|--|---------|-------------|
| Number of optical micro-tube in cable | | 16 |
| Number of optical fibers in cable | units | 192 |
| Permissible tensile force (short-term) | N | 2200 |
| Permissible tensile force (continuous) | N | 1100 |
| 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 | 120 |
| Rated outer diameter of the cable (for reference) ** | mm | 12.2 |
| Minimum bending radius during laying | mm | 244 |
| Minimum bending radius during operation | mm | 122 |

Notes:

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

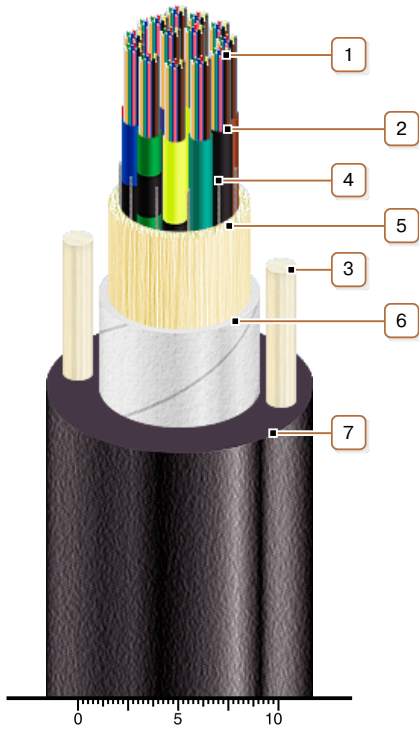
** The external diameter may differ from the rated up to $\pm 10\%$



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CONSTRUCTION



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

Note: Optical module twisting is not illustrated.