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501501-370180108108

Micro Tube 108 * (18x6)-1
ТУ У 27.3-00214534-116:2019

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

Mark formation:
Micro Tube 108[c](18x6)-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 108A(18x6)-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		18
Number of optical fibers in cable	units	108
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	55
Rated outer diameter of the cable (for reference) **	mm	8.2
Minimum bending radius during laying	mm	164
Minimum bending radius during operation	mm	82

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 ± 10 %*

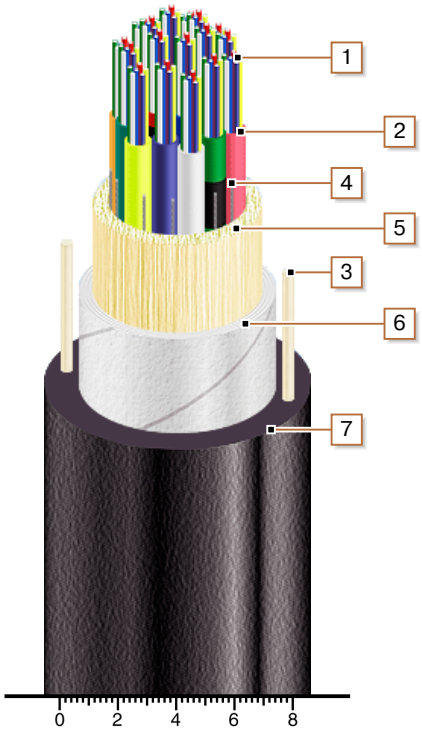
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CONSTRUCTION

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

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