501501-130040024024

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Micro Tube 24 * (4x6)-0.4
ТУ У 27.3-00214534-116:2019

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

Mark formation:
Micro Tube 24[c](4x6)-0.4
[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 24A(4x6)-0.4

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		4
Number of optical fibers in cable	units	24
Permissible tensile force (short-term)	N	400
Permissible tensile force (continuous)	N	200
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	25
Rated outer diameter of the cable (for reference) **	mm	5.4
Minimum bending radius during laying	mm	108
Minimum bending radius during operation	mm	54

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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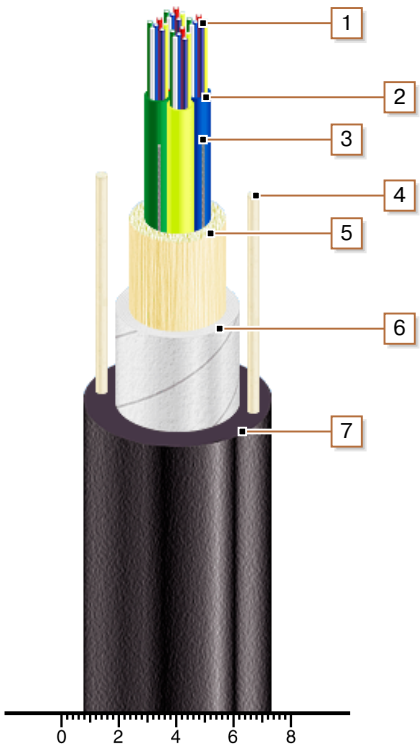

CONSTRUCTION

1. *Optic fibers*
2. *Tube of fiber optic micromodule*
3. *Water-blocking thread*
4. *Fiberglass rod in sheath*
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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