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Micro Tube 36 * (3x12)-1 TY Y 27.3-00214534-116:2019



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

Mark formation:

Micro Tube 36[c](3x12)-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 36A(3x12)-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		3	
Number of optical fibers in cable	units	36	
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	
Notor			

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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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 tape7. HDPE outer sheath

Note: Optical module twisting is not illustrated.