MULTITUBE CABLE WITH GLASS YARNS SWA 7000N – LSZH-PE – DATASHEET

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LOOSE TUBE MULTITUBE CABLE GLASS YARN SWA LSZH-PE 7000N



Demonstrative cable of 48 fibers

DESCRIPTION

Ideal for outdoor applications requiring robust mechanical protection. Multitube loose tube fiber optic cable with water-swellable yarns and galvanized steel wire armour (SWA). Built with a halogen-free inner sheath and UV-resistant PE outer sheath.



1. Multi Loose Tube
2. Colored Coating Fiber
3. Thixotropic Gel
4. FRP
5. Water Swellable Tape and Yarn
6. Swellable Elements
7. Galvanized Steel Wire
8. Outer Sheath
9. Inner Sheath
10. 4 Rip-Cords

APPLICABLE STANDARDS

• IEC 60794-1-21 • IEC 60794-1-22 • ANSI/TIA 598-D

RODENT PROTECTION · OUTDOOR · CONDUCT · CABLE TRAY · UNDER-GROUND · 25 YEARS WARRANTY · PE

CABLE PROPERTIES

Coating Fiber	Color	1 - Blue	13 - Blue
		2 - Orange	14 - Orange
		3 - Green	15 - Green
		4 - Brown	16 - Brown
		5 - Gray	17 - Gray
		6 - White	18 - White
		7 - Red	19 - Red
		8 - Black	20 - Black
		9 - Yellow	21 - Yellow
		10 - Violet	22 - Violet
		11 - Pink	23 - Pink
		12 - Aqua	24 - Aqua
		Each set of 12 fibers is grouped into a bundle	
Multi Loose Tube	Dimension (mm)	2,06	
Central Strength Member	Diameter (mm)	2,5 - 2,7	
	Material	Fiber Reinforced Plastic (FRP)	
Inner Sheath	Material	Halogen Free Flame Retardant (LSZH) UV Resistant	
	Thickness (mm)	1,1	
	Color	Black	
Outer Sheath	Material	MDPE UV Resistant	
	Thickness (mm)	1,5	
	Color	Black	
	Marking	(code) barpa Multi FO Cable w Glass Yarn SWA LSZH-PE (fiber type) (No of fibers)F (batch no.) (meters)m	
Armor	Material	Galvanized Steel Wire	
	Thickness (mm)	0,9	
Fiber Count		12	
Water Blocking		Water Swellable Elements	
VDE 888		A-DQ(ZN)B2Y	

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