

Cable Specifications Data Sheet

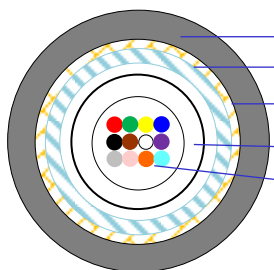
WI0301-S5.0-12MB

Description

S5.0-12MB-Armored-LSZH Optical Cable

Date

12-08-2018



1. Outer Jacket
2. Spiral Stainless Tape
3. Aramid Yarn
4. Inner Jacket
5. Coloring Fiber

Specification:

Fiber Type	BSM G.652.D (OS2)	MM 50/125 (OM2, OM3, OM4)	MM 62.5/125(OM1)
CORE DIAMETER(μm)	9±0.7	50±2.0	62.5±3.0
CLADDING DIAMETER(μm)	125±1	125±2	125±2
Attenuation	< 0.4dB@1310nm < 0.25dB@1550nm	< 3.0dB@850nm < 0.8dB@1300nm	< 3.2dB@850nm < 1.0dB@1300nm
Core	12		
Fiber Color	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua		
Inner Jacket color	White		
Jacket Material	LSZH, OFNR'		
Thickness(mm)	0.35±0.05		
Diameter(mm)	2.0±0.1		
Stainless Tape	0.6x 0.3 mm		
Spiral Stainless Tape Diameter(mm)	3.0±0.1		
Aramid Yarn	5,000D		
Thickness(mm)	1.0±0.1		
Cable Outside Diameter(mm)	5.0 ±0.2		
Jacket color	Yellow	Aqua	Orange
Jacket Material	LSZH, OFNR'		
Cable Weight	≈ 32.6Kg/Km		
Tensile Load Installation (N)	≤ 500 N		
Min Bend Radius (mm) Installation	≥ 90		
Operation Temp.(°C)	-20 ~ +70°C		

application

Anti-rat bite	Fiber to the home	Horizontal wiring
Compressive pressure	Machine room deployment	Vertical wiring
tensile strength	Field deployment	Pipe wiring
Fire prevention	Railway tunnel	Direct buried wiring

Quality Assurance System

- Comply with IEC & EIA testing standards
- Approved by CHT, Taiwan.
- ISO9001 Certified.

Standard Print

BSM	12C-Armored-S3.0-MiniComp-LSZH-BSM
MM 50	12C-Armored-S3.0-MiniComp -LSZH-MM 50
MM 62.5	12C-Armored-S3.0-MiniComp -LSZH-MM 62.5

Note: All specifications are subject to changed without prior notice.

Approved	Allen Tsai	Verified		Designed	Micro
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