

## I-A-DQ(BN)H-MLT

# Multi Loose Tube Non-Metallic Armored Single LSZH Jacket Indoor Outdoor Fiber Optic Cable

### Overview - I-A-DQ(BN)H-MLT

Multi Loose Tube Non-Metallic Armored Single LSZH Jacket Indoor Outdoor Fiber Optic Cable “ I-A-DQ(BN)H-MLT “- Series having Multi Loose Tube structure which is made of an assembly of colored tubes around a central strength element. Indoor Outdoor cables guarantees the protection of cable where the mechanical damage risk exists and also to guarantee stability towards environmental influences such as frost and humidity. The interstices over tubes and central strength member are wrapped with Water Swellable Tape to prevent water penetration. Glass yarns are helically applied over the tube to provide additional tensile strength to the cable. Low Smoke Zero Halogen Free LSZH-HFFR) sheath which is resistant to stress cracking as well. Fully dielectric construction protects the cable and also the devices connected from the electric shocks or magnetic interferences and also gives flexibility to the cable. Two layer of tube construction up to 192 Fiber is available. On request following options are available:

Other number of tubes Colour options for sheath, tube and fiber

Increased Tensile strength (Aramid or Glass Yarn)

L-M-HDPE or LSZH sheath.

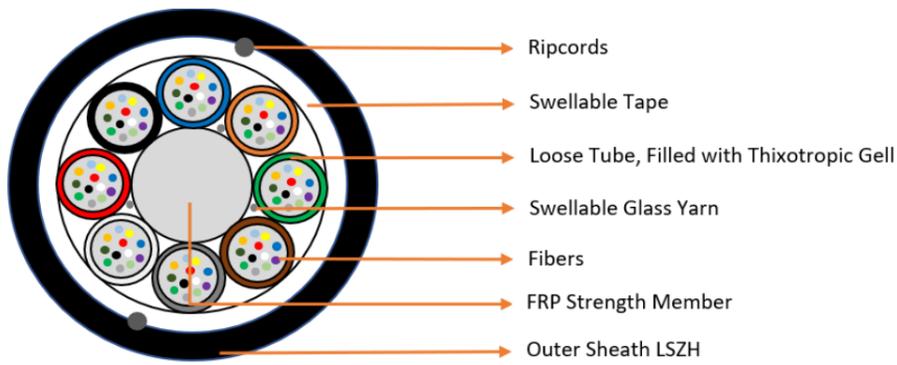
### Compliance

- IEC 60794-1&2 - ISO / IEC 11801, TIA/EIA 568-C.3, TELCORDIA GR-409-CORE

### Application

- Inter Building Voice or Data Communication Networks
- FTTC
- Outside Plant
- Installed in Ducts & Conduits
- Primary & Secondary
- WAN
- FTTB
- Campus Cabling
- Directly Buried Underground
- Telecommunication Data
- Harsh Premises Environments
- Interconnection of Distribution Boxes, Distribution Frames and the Panels at Customer Side

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## Features and Benefits

- Indoor/Outdoor Cable
- Waterproof
- Enforcement with Non-Metallic Strength Members
- Loose Tube
- Jelly Filled Tube
- UV- Resistant
- Non-Metallic Armor Protected
- Dry Core
- Outer Sheath Halogen Free Flame Retardant
- High Crush & Impact Resistance
- Moisture Barrier

## Specification

Fibers	12x12 G.652-D
Loose Tube Ø (mm)	2.3
Loose Tube Jacket	PBT
Strength members	Water Blocking Glass Yarn
Outer jacket	LSZH
Weight (Kg/Km)	180
Outer Ø (mm) ±0.5	14
Tensile Load Perm/Inst (N)	2700/4000
Optical Characteristic	9/125G.652-D
Bandwidth (nm)	1550/1310
Attenuation (max dB/km )	0.22/0.36
Crush (N)	2000 (IEC 60794-1-2 E3)
Temperature Range	-30 °C to +70 °C (IEC 60794-1-2 F1)
Min. Bending Radius	20 x Outer Ø (IEC 60794-1-2 E11)

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