

1. Outer Sheath PE
2. Corrugated Steel Tape
3. Swellable Glass Yarn
4. Swelling Yarn
5. Central Strength Member
6. Dry Core
7. Buffer Tube (PBT)
8. Thixotropic Jelly
9. Optical Fibers
- 10 Ripcord

A-DQ(BN)(SR)2Y-MLT

Multi Loose Tube Metallic Armored Single PE Jacket Outdoor Type Fiber Optic Cable

Overview - A-DQ(BN)(SR)2Y-MLT

Multi Loose Tube Metallic Armored Single PE Jacket Outdoor Type Fiber Optic Cable “ A-DQ(BN)(SR)2Y-MLT “ structure is made of an assembly of coloured 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 between tubes and central strength member are wrapped with Water Swelling Tape to prevent water penetration. Swellable Glass yarns are helically applied over the tube to provide additional tensile strength to the cable. Corrugated steel tape armour provides additional mechanical (crush and rodent) protection with a high-strength ripcord under the armour for easy stripping. Polyethylene UV (Ultra Violet) resistant sheath is resistant to stress cracking. 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.

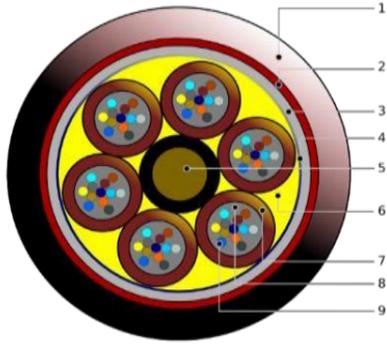
Compliance

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

Application

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

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Features and Benefits

- Outdoor Cable
- Waterproof
- Enforcement with Non-Metallic Strength Members
- Loose Tube
- Jelly Filled Tube
- UV- Resistant
- Metallic Armor Protected
- Enhanced Rodent Resistance
- HDPE Outer Sheath
- High Crush & Impact Resistance
- Moisture Barrier
- Dry Core

Specification

Tubes x Fibers	8x12
Loose Tube Ø (mm)	2.3
Loose Tube Jacket	PBT
Strength members	Water Blocking Glass Yarn
Armour	Corrugated Steel Tape Armour
Outer jacket	HDPE (Black)
Weight (Kg/Km)	210
Outer Ø (mm) ±1.0	14
Tensile Load Perm/Inst (N)	3000/4800
Optical Characteristic	9/125 G.652.D
Bandwidth (nm)	1310/1550
Attenuation (max dB/km)	0.35 / 0.22
Crush (N/cm)	1000 (IEC 60794-1-2 E3)
Temperature Range	-30 °C to +60 °C (IEC 60794-1-2 F1)
Min. Bending Radius	20 x Outer Ø (IEC 60794-1-2 E11)

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