

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

A-DQ(BN)2Y-MLT

Multi Loose Tube Non-Metallic Armored Single PE Jacket Duct/Buried Type Fiber Optic Cable

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

Multi Loose Tube Non-Metallic Armored Single PE Jacket Duct/Buried Type Fiber Optic Cable “ A-DQ(BN)2Y-MLT “- Series having Multi Loose Tube structure which is made of an assembly of colored tubes around a central strength element. 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 filled with petroleum jelly to prevent water penetration. Aramid yarns are helically applied over the tube to provide additional tensile strength to the cable. Polyethylene (PE) sheath which is resistant to stress cracking and UV radiation. 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.

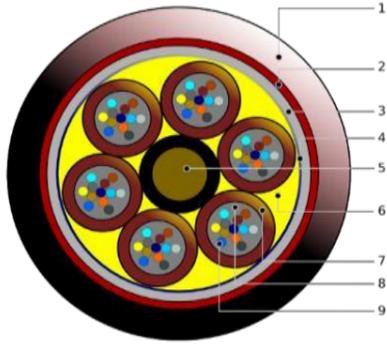
Compliance

- 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

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- Harsh Premises Environments
- Interconnection of Distribution Boxes, Distribution Frames and the Panels at Customer Side

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
- Polyethylene Outer Sheath
- High Crush & Impact Resistance
- Moisture Barrier

Specification

| | |
|----------------------------|-------------------------------------|
| Tubes x Fibers | 8x12 |
| Loose Tube Ø (mm) | 2,3 |
| Loose Tube Jacket | PBT |
| Strength members | FRP |
| Armour | Swellable Aramid Yarns |
| Outer jacket | Polyethylene (Black) |
| Weight (Kg/Km) | 135 |
| Outer Ø (mm)±0,5 | 14.0 |
| Tensile Load Perm/Inst (N) | 1500/2700 |
| Optical Characteristic | 9/125 G.652-d |
| Bandwidth (nm) | 1310/1550 |
| Attenuation (max dB/km) | 0.35 / 0.22 |
| 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) |

Up-to-dated data-sheet <http://www.upcom.com.tr/products/cables/a-dqbn2y-mlt-3/>

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