



- 1- Outer Sheath PE
- 2- Glass Yarn
- 3- Central Loose Tube
- 4- Filling Material (Thixotropic Jelly)
- 5- Optical Fibers
- 6- Rip Cords

## A-DQ(BN)2Y-CLT

# Central Loose Tube Non-Metallic Armored Single PE Jacket Outdoor Type Fiber Optic Cable

### Overview - A-DQ(BN)2Y-CLT

The Central Loose Tube Non-Metallic Armored Single PE Jacket Outdoor Type Fiber Optic Cable “ A-DQ(BN)2Y-CLT “ designs are the economical option for low fiber counts. Robust structure is a good solution for access and distribution for campus & industrial plant, mining or those areas where the cable may be exposed to physical damage. The fibers are placed within a gel-filled loose tube. For low fiber count up to 12 FO, central Central Loose Tube structure is available. 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. Glass yarns are applied over the tube to provide additional tensile strength & rodent protection 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. 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.

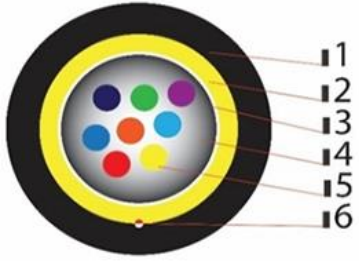
### Compliance

- IEC 60754-1, IEC 61034-1&2, IEC 60332-1\*, IEC 60794-1&2 ¾

### Application

- Inter Building and Intrabuilding Voice or Data Communication Networks
- General Purpose
- Installed in Ducts & Conduits
- Secondary Distribution
- LAN
- FTTB Cabling,
- Campus Cabling
- Indoor and Outdoor (Universal Use)
- Telecommunication Data Trunk Systems
- Interconnection of Distribution Boxes, Distribution Frames and the
- Panels at Customer Side

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## Features and Benefits

- Compact
- Waterproof
- Non-Metallic Armored
- Loose Tube
- Jelly Filled Tube
- UV- Resistant
- All Dielectric
- Light Weight
- Enforcement with Non-Metallic Strength Members
- Rodent Resistant

## Specification

Fibers	2	4	6	8	12
Loose Tube Ø (mm)	3.0				
Loose Tube Jacket	PBT				
Strength members	Water Blocking Glass Yarn				
Outer jacket	Polyethylene				
Weight (Kg/Km)	55	55	55	55	55
Outer Ø (mm)	7.0	7.0	7.0	7.0	7.0
Tensile Load Perm/Inst (N)	800/1200	800/1200	800/1200	800/1200	800/1200
Optical Characteristics	62,5/125 OM1		50/125 OM2	50/125 OM3	50/125 OM4
Bandwidth (nm)	850/1300		850/1300	850/1300	850/1300
Attenuation (max dB/km )	3.2/1.2		3.0/1.0	2.8/0.8	2.7/0.7
Crush (N)	1500 (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-clt/>

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