

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

## U-DQ(BN)H-CLT

# Universal Central Loose Tube, Non-Metallic Armored Cable (Glass Yarn Reinforced), LSZH Jacket Indoor/Outdoor

### Overview - U-DQ(BN)H-CLT

The Universal Central Loose Tube, Non-Metallic Armored Cable (Glass Yarn Reinforced), LSZH Jacket Indoor/Outdoor Cable “ U-DQ(BN)H-CLT “ designs are the economical option for low fiber counts. Robust structure is a good solution for access and distribution for inside the building for FTTX, FTTH application or those areas where the cable may not be exposed to heavy physical damage. The fibers are placed within a gel-filled loose tube. For low fiber count up to 12 FO, Universal cables shall be protected from the heavy mechanical damage risk exists. Glass yarns are applied over the tube increasing pulling strength of cable to provide additional tensile strength & rodent protection. Low Smoke Zero Halogen Free 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.

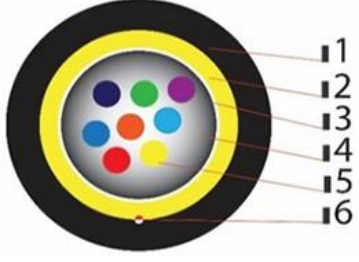
### Compliance

- IEC 60754-1, IEC 61034-1&2, IEC 60332-1, IEC 60794-1&2

### 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 Resistant
- All Dielectric
- Halogen Free Fire Retardant / Low Smoke Zero Halogen
- Light Weight
- Rodent Resistant
- Enforcement with Non-Metallic Strength Members

## Specification

Fibers	2	4	6	8	12
Loose Tube Ø (mm)	2.9±0.2				
Loose Tube Jacket	PBT				
Strength members	Water Blocking Glass Yarn				
Outer jacket	LSZH				
Weight (Kg/Km) ±5	36	36	36	36	36
Outer Ø (mm) ±0,5	6.0	6.0	6.0	6.0	6.0
Max Pulling Load (N)	1000	1000	1000	1000	1000
Optical Characteristic	62,5/125 OM1		50/125 OM2	50/125 OM3	50/125 OM4
Bandwidth (nm) Attenuation	850/1300		850/1300	850/1300	850/1300
(max dB/km )	3.2/1.2		3.0/1.0	2.8/0.8	2.7/0.7
Crush (N)	2000 (IEC 60794-1-2 E3)				
Temperature Range	-40 °C to +70 °C (IEC 60794-1-2 F1)				
Fluid Penetration	3m sample, 1m head for 24 hours				
Min. Bending Radius	20 x Outer Ø (IEC 60794-1-2 E11)				

Up-to-dated data-sheet <http://www.upcom.com.tr/products/cables/u-dqbnh-clt/>

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