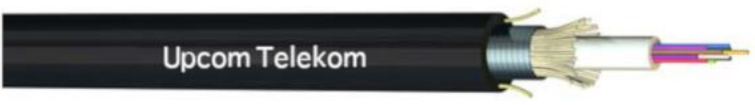

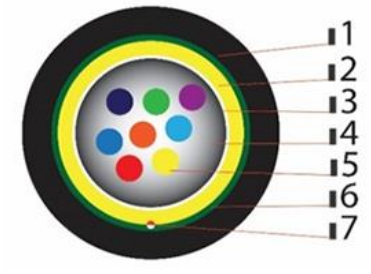

1.Outer Sheath LSZH
2. Glass Yarn
3. Central Loose Tube
4. Filling Material (Thixotrpic Jelly)
5. Optical Fibers
6. Corrugated Steel Tape Armor
7. Rip Cord

A-DQ(BN)(SR)H-CLT

Central Loose Tube Metallic Armored Single LSZH Jacket Indoor/outdoor Fiber Optic Cable

Overview - A-DQ(BN)(SR)H–CLT

The Central Loose Tube Metallic Armored Single LSZH Jacket Indoor/outdoor Fiber Optic Cable " A-DQ(BN)(SR)H–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. Corrugated steel tape armour provides additional mechanical (crush and rodent) protection with a high-strength ripcord under the armour for easy stripping. Low Smoke Zero Halogen Free Flame Retardant sheath which is resistant to stress cracking and UV (Ultra Violet) radiation. 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 Voice or Data Communication Networks
- FTTC Cabling
- Outside Plant
- Installed in Ducts & Conduits
- Secondary Distribution
- LAN & 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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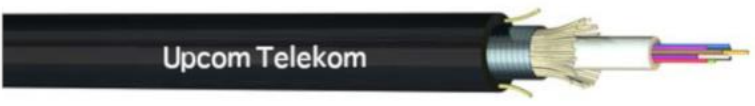

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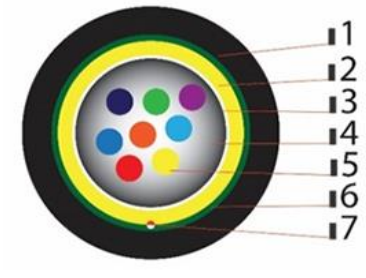

1.Outer Sheath LSZH
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Features and Benefits

- Compact
- Waterproof
- Enforcement with Non-Metallic Strenght Members
- Loose Tube
- Jelly Filled Tube
- UV- Resistant
- Metallic Armor Protected
- Enhanced Rodent Resistance
- High Crush & Impact Resistance
- Moisture Barrier
- Halogen Free Fire Retardant / Low Smoke Zero

Specification

Fibers	2	4	6	8	12
Loose Tube Ø (mm)	2.8				
Loose Tube Jacket	PBT				
Strength members	Water Blocking Glass Yarn				
Armour	Corrugated Steel Tape Armour				
Outer jacket	LSZH/HFFR				
Weight (Kg/Km)	90	90	90	90	90
Outer Ø (mm)	7, 5	7, 5	7,5	7,5	7,5
Tensile Load Perm/Inst (N)	800/1200	800/1200	800/1200	800/1200	800/1200
Optical Characteristic	9/125 G.G652.D		50/125 OM2	50/125 OM3	50/125 OM4
Bandwidth (nm)	1550/1310		850/1300	850/1300	850/1300
Attenuation (max dB/km)	0.22/0.36		3.0/1.0	2.8/0.8	2.7/0.7
Crush (N)	1000 (IEC 60794-1-2 E3)				
Temperature Range	-30 ºC to +70 ºC (IEC 60794-1-2 F1)				
Min. Bending Radius	20 x Outer Ø (IEC 60794-1-2 E11)				

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