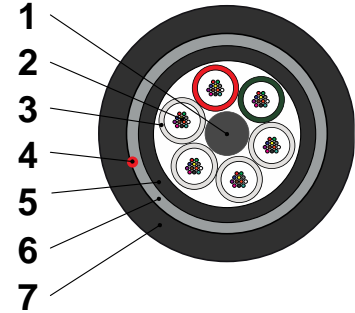


DATA LAN[®] FO MLD TDT

U-DQH(ZN)BH

Universal dielectric cable



APPLICATION

- Universal.
- Directly buried, gallery and duct installation.

CHARACTERISTICS

- Multitube.
- Compact.
- Dielectric.
- Robust for lying or blowing.
- Halogen free, low smoke.
- Flame retardant.
- Rodent protected.
- UV resistant.
- Waterproof and watertight.

CONSTRUCTION

1. Core element (FRP).
2. Single-mode (OS) or Multi-mode (OM).
3. Loose tube (PBT material jelly filled).
4. Ripcord in both jackets.
5. Inner jacket LSZH, flame retardant.
6. Strength elements: fiberglass yarns.
7. Outer jacket LSZH, flame retardant.

OPTIONAL

1. Strength elements: aramid yarns.
2. Special or other colour code upon request.

	SPECIFICATIONS					STANDARDS
Fibers	16	24	32	36	48	ITU-T G.650-G.657 UNE – EN IEC 60793-2-10/50
External diameter [mm]	16.0±0.5	16.0±0.5	18.0±0.5	18.0±0.5	18.0±0.5	
Weight [Kg/Km]	198±1	198±1	237±1	237±1	237±1	
Strength elements	Aramid yarns					
Inner jacket	Polyolefin – Black					
Outer jacket	Polyolefin – Black					
Minimum bending radius	Operation: 20 x Ø cable / Installation: 20 x Ø cable					IEC 60794-1-21 / E11
Temperature range	Operation: -30°C to 70°C / Installation: -10°C to 50°C					IEC 60794-1-22 / F1
Maximum tensile load (N)	Operation: 1.000 / Installation: 1.800					IEC 60794-1-21 / E1
Crush performance (N/10 cm)	2.000					IEC 60794-1-21 / E3
Impact (J)	5					IEC 60794-1-21 / E4
Twist	1 m cable / 10 cycles / 6 Kg					IEC 60794-1-21 / E7
Water performance	3 m cable / height water column 1 m / 24 h					IEC 60794-1-11 / F5B
Fire performance	Halogen free					IEC 60754-1
	Low smoke					IEC 61034-2
	Flame retardant					IEC 60332-2-2
Cable marking	TOP CABLE DATA LAN MLD num.fibers FO (type fo) TDT // MT U-DQH(ZN)BH num.fibers (type fo) // DOP TC3003 Dca, s2,d2,a1 MADE IN SPAIN year batch meter					

Fiber colour code according to TIA 598-A: Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Turquoise.
Tube colour code: Green, Natural, ..., Natural, Red.