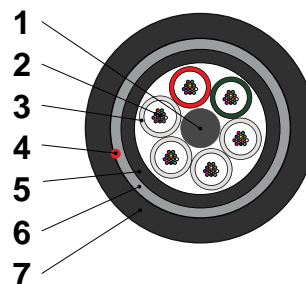


DATALAN[®] FO MLD TDT

U-DQH(ZN)BH

Universal dielectric cable



APPLICATION

- Universal.
- Gallery and duct installation.
- Direct buried.

CHARACTERISTICS

- 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) and multimode (OM) fiber optics.
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. Chemical rodent and termites protection (TR+AR).
2. Special or other colour fibers/tubes upon request.
3. Special constructions upon request.

	SPECIFICATIONS			STANDARDS		
Fibers	16	24	36	48	72	ITU-T G.650-G.657 UNE-EN IEC 60793-2-10/-50
External diameter [mm]	12.0±0.5		14.0±0.5		15.0±0.5	
Weight [Kg/Km]	149±1		192±1		234±1	
Loose tube identification	Green - Red - White - White - White - White					
Inner jacket	Polyolefin - Black					
Strength elements	Water-blocking fiberglass yarns					
Outer jacket	Polyolefin - Black					
Minimum bending radius [mm]	Operation: 20 x Ø cable / Installation: 20 x Ø cable					UNE-EN IEC 60794-1-21/E11
Temperature range [°C]	Operation: -30 to 70 / Installation: -10 to 50					UNE-EN IEC 60794-1-22/F1
Maximum tensile load [N]	Operation: 2500 / Installation: 3000					UNE-EN IEC 60794-1-21/E1
Crush performance [N/10 cm]	3500 (10 min)					UNE-EN IEC 60794-1-21/E3
Impact (J)	5					UNE-EN IEC 60794-1-21/E4
Twist	1 m cable / 10 cycles / load 6 Kg					UNE-EN IEC 60794-1-21/E7
Water performance	3 m cable / height water column 1 m / 24 h					UNE-EN IEC 60794-1-22/F5B
Fire performance	Halogen free					IEC 60754-1/-2
	Low smoke					IEC 61034-1/-2
	Flame retardant					IEC 60332-2-2

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

(*) Adding **TR+AR** for chemical rodent and termites protection.