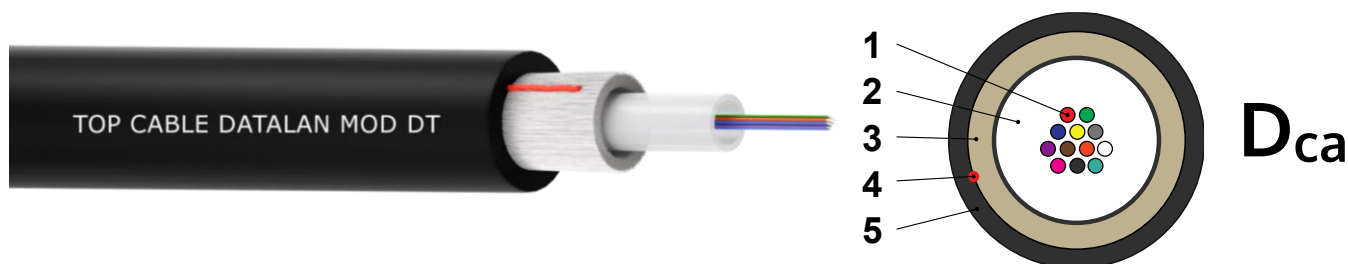


DATALAN[®] FO MOD DT **U-DQ(ZN)BH** Universal dielectric cable



APPLICATION

- Universal.
- Gallery and duct installation.

CHARACTERISTICS

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

CONSTRUCTION

1. Single-mode (OS) and multimode (OM) fiber optics.
2. Loose tube (PBT material jelly filled).
3. Strength elements: water-blocking fiberglass yarns and rodent protection.
4. Ripcord.
5. Outer jacket LSZH, flame retardant.

OPTIONAL

1. Strength elements: aramid yarns.
2. Chemical rodents and termites protection (TR+AR).
3. Special or other colour code upon request.

	SPECIFICATIONS							STANDARDS
Fibers	2	4	6	8	12	16	24	ITU-T G.650 - 657 UNE - EN IEC 60793-2-10/-50
External diameter [mm]	7.7±0.5							
Weight [Kg/Km]	65±1					75±1		
Strength elements	Water-blocking fiberglass yarns							
Outer jacket	Polyolefin - Black							
Minimum bending radius [mm]	Operation: 15 x Ø cable / Installation: 15 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: 2000 / Installation: 2500							UNE-EN IEC 60794-1-21/E1
Crush performance (N/10 cm)	2000 (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 4 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 61034-2
	Flame retardant							IEC 60332-2-2
	Reaction to fire CPR							Dca

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 termite protection.