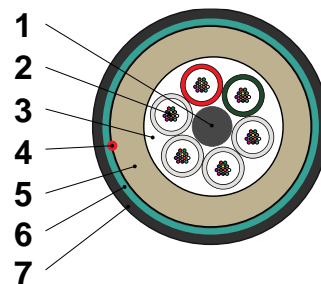


DATALAN[®] FO MLM DSP

A-DQ(ZN)(SR)B2Y

Outdoor metallic cable



APPLICATION

- Outdoor.
- Directly buried.
- Gallery and duct installation.

CHARACTERISTICS

- Compact.
- Dielectric.
- Robust for lying or blowing.
- Halogen free.
- 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. Strength elements: fiberglass yarns.
6. Armour: corrugated steel tape.
7. Outer jacket halogen free.

OPTIONAL

1. Strength elements: aramid yarns.
2. Chemical protection against rodents and termites (TR+AR).
3. Different tube/fiber colours on request.
4. Different formations on 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]	12.2±0.5		13.4±0.5		14.6±0.5	
Weight [Kg/Km]	173±1		180±1		248±1	
Loose tube identification	Green - Red - White - White - White - White					
Strength elements	Water-blocking fiberglass yarns					
Armour	Corrugated steel tape					
Outer jacket	Polyethylene - 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: 3500 / Installation: 4000					UNE-EN IEC 60794-1-21/E1
Crush performance [N/10 cm]	4000 (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

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.