



K. LACEY WIRES AND CABLES

FXTR2029LD

Based on Client requirement & EN50525-2-21

PRODUCT DESCRIPTION

COMPONENT	MATERIAL DESCRIPTION
Conductor	Annealed Flexible Stranded coated copper Class 5 to EN60228
Dielectric	Ethylene-propylene Rubber (EPR) type E17 In acc. to EN 50363-1 (Black)
Jacket	A Synthetic thermosetting compound Type EM2 In acc. to EN 50363-2-1 (Black)

PRODUCT CHARACTERISTICS

- Maximum conductor operating temperature +90°C
- Maximum conductor operating temperature during short circuit +250°C
- Lowest ambient temperature for fixed installation -40°C
- Lowest ambient temperature for mobile installation -25°C
- Excellent flexibility
- Flame retardant
- UV, sunlight, oil resistant
- Ink jet printed for easy identification

Highways Agency Standard TR2029 specifies the technical requirements for induction loop detector cables, due to its specialised application TR2029 does not specify a designated voltage.

Our offered design includes a bonded EPR insulation material Type E17 and Heavy Duty Oil Resisting sheathing material Type EM2, both of which exceed the requirements of TR2029.

Size	Nominal diameter of wire	Nominal Insulation Thickness	Nominal Jacket Thickness	Approx. O.D.	Approx. Weight	Maximum Resistance of conductor 20 °C
Nxmm ²	mm	mm	mm	mm	kg/km	/km
1x1,5	0,25	0,8	1,4	6,0	52	13,7
1x2,5	0,25	0,9	1,4	6,6	64	8,21

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CONTACT US NOW FOR A QUOTATION

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