

VL EO-YMeKaszh

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CABLE AND CONNECTIVITY SOLUTIONS

Product specification

VL EO-YMeKaszh

Article group 10206

ELDTRAFFIC VL EO-YMeKaszh is a halogen-free power cable for traffic lights. VL EO-YMeKaszh forms the connection in the traffic control system to the traffic light poles and portals. The conductors are bare, solid, electrolytic copper conforming to IEC 60228 class 1.

ELDTRAFFIC VL EO-YMeKaszh cables have a braid of galvanized steel wires with an underlying protective earth of tinned copper that provides mechanical protection and excellent flexibility, which is beneficial during installation. ELDTRAFFIC VL EO-YMeKaszh is waterproof and chemical resistant. This makes the cable suitable for almost any soil type.

Extra information

For traffic control systems available as standard with grey outer jacket with four blue stripes.

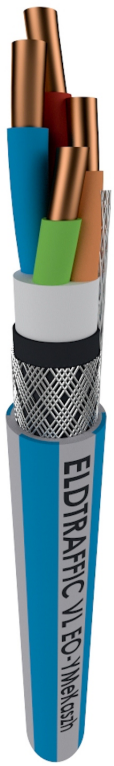
Every subsequent group of four or five cores (d = double red version) has the same colour coding with a sequential number.
PE conductor
The cross sectional area of the protective earth matches that of the cores.

Properties

- halogen-free
- suitable for continuous conductor temperature of 90°C
- mechanical protection provided by steel wire braiding
- largely chemical resistant
- no water penetration
- KEMA-KEUR quality mark

Product specifications

Cable geometry	Round
Protective conductor	no
Halogen free (acc. EN 60754-1/2)	yes
Halogen free (acc. IEC 60754-2)	yes
Flame retardant	No
Low smoke (acc. IEC 61034-2)	yes
Low smoke (acc. BS EN 61034-2)	yes
Circuit integrity	None
Insulation integrity	None
Suitable as installation cable	yes
Suitable as medium-voltage cable	no
Suitable as high-voltage cable	no
Standardization	K162-3
Certified for shipboard application	no
Certified as airport lighting cable	no
Conductor material	Copper



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Product specifications

Conductor surface	Bare
Conductor category	Class 1 = solid
Shape of conductor	Round
Longitudinal water blocking conductors	no
Core insulation material	Polyolefin
Specification core insulation	Crosslinked polyethylene (XLPE)
Identification/coding colour core	no
Laminated sheath	no
Fibre optic elements	no
Concentric conductor	None
Armouring	yes
Armouring/reinforcement	Braiding
Lead sheath	no
Longitudinal water blocking screen	no
Material outer sheath	Polyolefin
Colour outer sheath	Grey with four blue stripes
Nominal voltage U0 (kV)	0.6
Nominal voltage U (kV)	1.0
Test voltage (kV)	3.5
Max. conductor temperature (°C)	90
Permitted cable outer temperature during assembling/handling (°C)	20 / 70
Permitted cable outer temperature after assembling without v (°C)	40 / 80
Inner semi-conducting layer	no
Outer semi-conducting layer	no
Screen	yes
Drain wire	yes
Conductive coating	no
Specification material outer sheath	Polyethylene (PE)
Core identification	Colour

Part nr.	Cable	Weight (kg/m)	Ø (mm)	Price
1286-1	ELDTRAFFIC VL EO-YMeKaszh - 4 x 1,5 mm² Grey with four blue stripes	0,2578	14,3	696,15
1305-1	ELDTRAFFIC VL EO-YMeKaszh - 5 x 1,5 mm² Grey with four blue stripes	0,2837	14,8	826,80
1318-1	ELDTRAFFIC VL EO-YMeKaszh - 8 x 1,5 mm² Grey with four blue stripes	0,3515	16,9	1092,00
1321-1				

ELDTRAFFIC VL EO-YMeKaszh - 10 x 1,5 mm² Grey
with four blue stripes

0,4176	18,8	1316,25

Part nr.	Cable	Weight (kg/m)	Ø (mm)	Price
1336-1	ELDTRAFFIC VL EO-YMeKaszh - 12 x 1,5 mm² Grey with four blue stripes	0,4149	17,9	1482,00
1340-1	ELDTRAFFIC VL EO-YMeKaszh - 16 x 1,5 mm² Grey with four blue stripes	0,4983	19,8	1764,75
1344-1	ELDTRAFFIC VL EO-YMeKaszh - 16 x 1,5 mm² Grey with four blue stripes	0,5119	19,8	1833,00
1346-1	ELDTRAFFIC VL EO-YMeKaszh - 20 x 1,5 mm² Grey with four blue stripes	0,6119	21,4	2330,25
1347-1	ELDTRAFFIC VL EO-YMeKaszh - 24 x 1,5 mm² Grey with four blue stripes	0,7012	23,3	2817,75
1349-1	ELDTRAFFIC VL EO-YMeKaszh - 25 x 1,5 mm² Grey with four blue stripes	0,739	23,7	2964,00
1263-1	ELDTRAFFIC VL EO-YMeKaszh - 4 x 2,5 mm² Grey with four blue stripes	0,3168	15,3	915,53
8088-1	ELDTRAFFIC VL EO-YMeKaszh - 8 x 2,5 mm² Grey with four blue stripes	0,4389	18,3	1677,00
8089-1	ELDTRAFFIC VL EO-YMeKaszh - 10 x 2,5 mm² Grey with four blue stripes	0,5453	20,2	2018,25
9241-1	ELDTRAFFIC VL EO-YMeKaszh - 12 x 2,5 mm² Grey with four blue stripes	0,5526	20,2	2291,25
10266-1	ELDTRAFFIC VL EO-YMeKaszh - 24 x 2,5 mm² Grey with four blue stripes	0,9391	24,7	4309,50
11615-1	ELDTRAFFIC VL EO-YMeKaszh - 4 x 4 mm² Grey with four blue stripes	0,4139	16,7	