

Automotive cables FL11YC11Y

262

Screened multi core automotive cable for 1000V

- friction resistant
- Low temperature strike resistance

Application

Special cable for Hybrid- and Electrical Vehicles

Electrical data

- Nominal voltage: U_o/U 600 / 1000 V
- Test voltage: 3500 V / 50 Hz / 5 minutes

Construction

- Conductor: Cu-ETP1, according LV112 and ISO 6722
- Insulation: TPU, features according LV 112 and ISO 6722, class D
- Polyester tape
- Shielding: Cu-ETP1, tin plated
- ALU-PET foil, metall side in contact to screen
- Outer sheath: Polyurethan (TPU), features according LV 112 and ISO 6722, class D

Temperature range

- -40°C ... +150°C / 3000h, class D acc. ISO 6722

Standards

ISO 6722 Road vehicles
 LV 112 / LV 216
 IEC 60332-1-2 Flame retardant
 IEC 60754-1 Halogen free
 IEC 60754-2 No corrosive gases

Jacket colour

Orange similar to RAL 2003

Description

- Min. bending radius 6 x D (D = cable-Ø)
- halogen-free
- flame retardant
- resistance to UV radiation, salt water

Remarks

Special labelling of outer sheath on request
 Other types on request
 D = whole outer Ø
 d1 = Ø over copper shield



Technical data

Cross-section mm ²	Part no.	New Part no.	Conductor code	Ø d2 approx. mm	Ø d1 approx. mm	Ø D mm	Copper index kg/km	Weight kg/km
2X6	533017	833017	2Lnum	10.4	11.0	14.5 ± 0.3	147.9	280
3X6	533016	833016	3Lnum	11.2	11.8	14.5 ± 0.3	209.3	320