

Construction

Conductor	Bare copper wire Diameter: 1,4mm
Insulation	High density solid polyethylene
Individual assembly	Insulated conductors
General assembly	In concentric layers
Core Filling	PE petrolatum Enclosure: Polyester tape to the set
Overall screen	Copolymer coated aluminium tape, longitudinal, overlapped and bonded to the inner PE sheath
Inner sheath	Polyethylene Colour standard: Black
Armour	Copolymer-coated corrugated steel strip, longitudinally positioned and overlapped
Outer sheath	Polyethylene (UV Resistant) Colour standard: Black

Technical characteristics

Operating T^a	Operation: -25°C to +75°C
Min. bending radius	15xD
Insulation resistance	Min. 25000 MOhm*Km (500V, 20°C)
Dielectric strength	Cond-Cond: 3000 V Cond-Screen: 5000 V
Conductor resistance	Medium Value: 11,2±0,5 Ohm/Km Maximum Value: 11,9 Ohm/Km

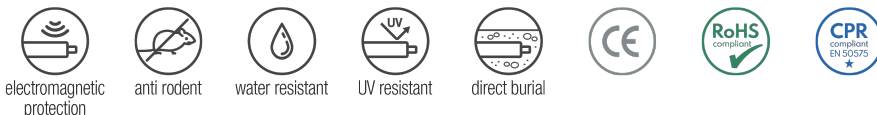
Application

Multi-core cable for railway infrastructures filled with a damp-proofing compound (Petrolatum). They are used as signal cables. Installation in a gutter or directly buried (cover with special protection against rodents).

*CPR: Cable suitable for installation under the requirements of CPR (Construction Product Regulation (EU) N°305/2011) according to the classification (Euroclass) specified in this document.

Standards

Ref. standard for drawing	ADIF ET-03.365.051.6 (2 ^a Ed)
CPR Classification (Euroclass)	Fca



Constructive Data

Code	NxS (mm2)	Ø (mm)	Weight (kg/km)
38545100	61x1x1,4	32.4	1570
38542000	48x1x1,4	30.2	1355
38539300	37x1x1,4	26.7	1080
38535700	27x1x1,4	23.4	855
38530100	19x1x1,4	20.5	625
38526000	12x1x1,4	18.4	475
38522600	9x1x1,4	19	465
38519600	7x1x1,4	15.7	325
38513300	4x1x1,4	14.8	275

Legend

Code	Cervi codification
NxS (mm2)	Number of conductors x Section (mm2)
Ø (mm)	Aprox. outer diameter (mm)
Weight (kg/km)	Approximate cable weight (kg/km)