



## Construction

<b>Conductor</b>	Bare copper wire Diameter: 1,4mm
<b>Insulation</b>	Solid polyethylene
<b>Individual assembly</b>	Insulated conductors Identification: Colour code acc. to Adif (See attached table)
<b>General assembly</b>	In concentric layers Enclosure: Dielectric tape longitudinally applied and overlapped
<b>Overall screen</b>	Copolymer coated aluminium tape, longitudinal, overlapped and adhered to the inner PE cover
<b>Inner sheath</b>	Polyethylene Colour standard: Black
<b>Armour</b>	Copolymer-coated corrugated steel tape, logitudinally applied and overlapped
<b>Outer sheath</b>	Polyethylene (UV Resistant) Colour standard: Black

## Technical characteristics

<b>Conductor resistance</b>	Maximum Value: 11,9 Ohm/Km
<b>Insulation resistance</b>	Min. 35000 MOhm*Km (500V, 15°C)
<b>Dielectric strength</b>	Cond-Cond: 3000 V Cond-Screen: 5000 V
<b>Operating T<sup>a</sup> (conductor)</b>	Operation: -25°C to +75°C
<b>Min. bending radius</b>	15xD

## Application

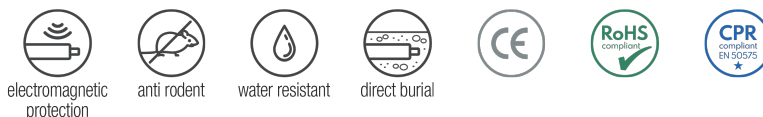
Multi-core cable for railway infrastructures, used as signalling cables. Installation in a gutter or directly buried (cover with special protection against rodents).

\*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

<b>Ref. standard for drawing</b>	ADIF ET-03.365.052.4
<b>CPR Classification (Euroclass)</b>	Fca



## Constructive Data

Code	NxS (mm2)	Ø (mm)	Weight (kg/km)
38413300	4x1x1,4	14.2	237
38419600	7x1x1,4	15.7	316
38422600	9x1x1,4	17.2	365
38426100	12x1x1,4	18.2	439
38430100	19x1x1,4	20.7	591
38435700	27x1x1,4	23.4	767
38439300	37x1x1,4	25.9	969
38442000	48x1x1,4	28.6	1188
38445100	61x1x1,4	30.6	1462

### Legend

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

## Colour code

Layer	Pilot	Direction	Conductor 1	Conductor 2	Conductor 3	Conductor 4	Conductor 5	Conductor 6
Central:	Black	White	Red	Grey				
Layers:	Black	White	Red	Grey	Blue	Brown	Green	Yellow