# CCPSSP-FR0.3 n×1×1.4

### **Applications**

The cables are used as railway cables and can be installed directly into the ground or in ducts.

# Standards

• RENFE E.T. 03.365.051.6

#### Construction

- Conductors: Soft annealed solid copper, 1.4 mm nominal diameter.
  - Insulation: PE insulation.
  - Stranding: Cores are helically stranded in concentric

layers.

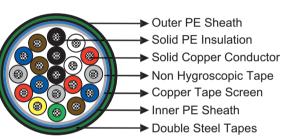
- Core Wrapping: Two or more layers of plastic tape(s) with overlapping.
- Screen: Copper tapes with overlap (protection against interference).
- Inner Sheath: PE sheath.
- Armour: Two layers of steel tape (0.8mm thick).
- Outer Sheath: PE sheath.

# Sectorical Characteristics at 20°C

Nominal Conductor Diameter	mm	1.4
Maximum Conductor Resistance	Ω/km	11.9
Minimum Insulation Resistance @500 V DC	MΩ.km	15000
Resistance Unbalance	%	2
Test Voltage @50Hz 1min		
Core to Core	V <sub>eff</sub>	2100
Core to Screen	V <sub>eff</sub>	2500
Reduction Factor @100V/km 50Hz		0.3

# Mechanical and Thermal Properties

- Minimum Bending Radius: 10×OD
- Temperature Range: -40°C to +60°C (during operation); -10°C +60°C (during installation)









# **Dimensions and Weight**

Cable Code	Number of Cores	Nominal Sheath Thickness mm		Maximum Overall Diameter	Nominal Weight	
		Inner	Outer	mm	kg/km	
1.4mm Conductor, 2.6mm Insulated Wire						
RS/CCPSSP-FR0.3-2Y(K)2YB2Y-2C1.4	2	1.5	1.6	16.5	530	
RS/CCPSSP-FR0.3-2Y(K)2YB2Y-4C1.4	4	1.5	1.6	17.5	608	
RS/CCPSSP-FR0.3-2Y(K)2YB2Y-7C1.4	7	1.5	1.6	19.0	718	
RS/CCPSSP-FR0.3-2Y(K)2YB2Y-9C1.4	9	1.5	1.6	22.7	914	
RS/CCPSSP-FR0.3-2Y(K)2YB2Y-12C1.4	12	1.5	1.6	23.2	977	
RS/CCPSSP-FR0.3-2Y(K)2YB2Y-19C1.4	19	1.6	1.8	25.2	1185	
RS/CCPSSP-FR0.3-2Y(K)2YB2Y-27C1.4	27	1.6	1.8	28.1	1437	
RS/CCPSSP-FR0.3-2Y(K)2YB2Y-37C1.4	37	1.7	1.8	31.4	1754	
RS/CCPSSP-FR0.3-2Y(K)2YB2Y-48C1.4	48	1.7	1.8	34.2	2062	















UV Resistant

Water Resistant

Rated Voltage Buried in Ciround

Laid In Ducts

Zero Halogen IEC 60754-1/NF C20-454 EN 50267-2-1

