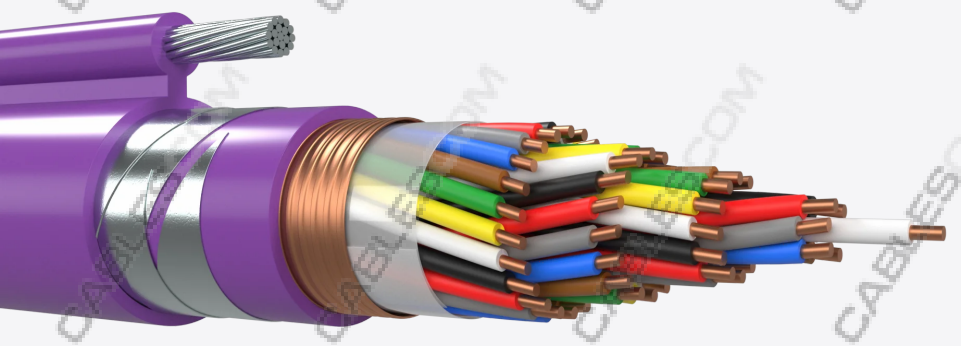
Cable Multiconductor CCTSST-8 Rk0,3

RAILWAY SIGNALLING CABLES, MULTICORE, PE SHEATH FOR EXTERNAL INSTALLATIONS WATERBLOCKING AND RODENT RESISTANT



Description and application

48 conductors cable. Copper conductor of 1,4mm section insulated with PE. Conductors are stranded in layers to form the core, core that is protected with a self-supported and a non-inductive reduction factor 0,3 CCTSST-8 type sheath. Aerial installation and fire retardant characteristics.

They are used as signaling cables, especially in railway applications, where protection against HV lines inductions is required.

Construction

- Conductors: Annealed copper. Section: 1,4mm.
- Insulating: Solid polyethylene.
- Cabling element: Conductors. See colour code table.
- Core wrapping: Dielectric tape longitudinally applied with overlap.
- Screen: Corrugated copper tape longitudinally applied with overlap.
- Inner sheath: Violet LSZH material.
- Armour: Two steel tapes helically applied.
- Outer sheath: UV resistant violet LSZH material.
- Support: Galvanized Steel wire rope.
- Marking: CABLESCOM / Year / Lenght (Other type of marking available under request)

TITLE	EDITION	APPROVED BY	DATE
Cable Multiconductor CCTSST-8 Rk0,3	1	O.salomon	2022-08-10

ELECTRICAL CHARACTERISTICS (20°C)

	1.4
Maximum resistance (Ω/km)	11.9
Minimum insulation resistance (MΩxkm, 20°C, 500V)	15000
Mutual capacity (nF/km, 800 Hz)	
Dielectric strength (Vdc, 2min) Conductor - Conductor	3000
Dielectric strength (Vdc, 2min) Conductor - Screen	3500
AS/DC operating voltage (V)	

MECHANICAL AND THERMAL PROPERTIES

Maximum allowable radius	15 x Ø cable
Operating temperature range	-25 °C / +75 °C
Installation temperature range	

DIMENSIONS AND WEIGHTS

Cable Multiconductor CCTSST-8 Rk0,3 x 1.4

Number of conductors	Nominal Weight (kg/km)	Nominal OD (mm)
48x1	2288	45,7+32,2

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