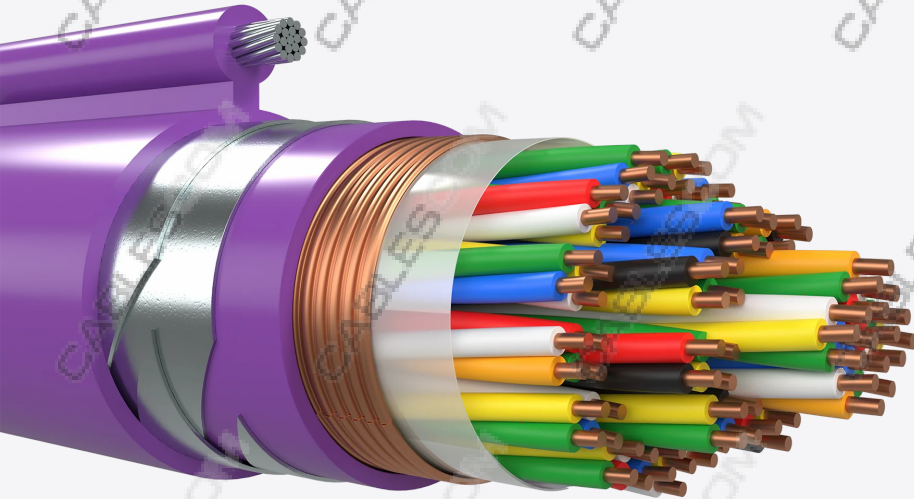


Cable Self-Supported Quad CCTSST-8 Rk0,3

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



Description and application

25 star quad cable, conductors section 1,4 mm, PE insulating. 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 LSZH sheath. Aerial installation and fireproof characteristics.

Cables use for networks or trucks, especially in railway applications.

Construction

- Conductors: Annealed copper. Section: 1,4mm.
- Insulating: Solid polyethylene.
- Core Formation: Star Quads. 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 / Length (Other type of marking available under request)

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) | Medio: 41 ± 4; Max: 48 |
| 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 Self-Supported Quad CCTSST-8 Rk0,3 x 1.4

Number of conductors

Nominal Weight (kg/km)

Nominal OD (mm)

25x4

3855

60,0+46,5