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RAILWAY SIGNALLING AND TELECOMMUNICATIONS CABLES

# Sw-CLT

Railway signalling cable, unscreened,  
armoured



## TECHNICAL DATA

|                                                                                    |                                                                            |                                                                                     |                                                                                                       |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
|  | <b>Standard</b><br>SBB-Standard CFF FFS 3001.82.1000                       |  | <b>Core identification</b><br>SBB-Standard CFF FFS 3001.82.1000                                       |
|  | <b>Test Voltage</b><br>core/core 2 kV / 50 Hz; core/armouring 4 kV / 50 Hz |  | <b>Temperature range</b><br>Laying temperature: min. -10°C<br>Operating temperature: -30°C up to 60°C |
|  | <b>Rated Voltage</b><br>800 V (DC)                                         |                                                                                     |                                                                                                       |
|  | <b>Bending radius (min.)</b><br>10 x Ø of cable                            |                                                                                     |                                                                                                       |

## DESIGN



- 1 Copper conductor, round solid (RE)
- 2 Core insulation (PE), cores star quaded and quads stranded in layers
- 3 Inner covering (plastic tape)
- 4 Sheath (PE, black)
- 5 Armouring (two layers galvanized steel tapes)
- 6 Sheath (PE black, UV-resistant)

| Number of quads x conductor diameter | Outer diameter appr. (mm) | Total weight appr. (kg/km) |
|--------------------------------------|---------------------------|----------------------------|
| 1 x 4 x 1.5                          | 14.6                      | 223                        |
| 1 x 4 x 2.2                          | 15.5                      | 362                        |
| 3 x 4 x 1.5                          | 22.1                      | 558                        |
| 3 x 4 x 2.2                          | 27.1                      | 968                        |
| 5 x 4 x 1.5                          | 25.5                      | 785                        |
| 5 x 4 x 2.2                          | 32.6                      | 1397                       |
| 10 x 4 x 1.5                         | 35.1                      | 1388                       |
| 10 x 4 x 2.2                         | 43.3                      | 2427                       |
| 15 x 4 x 1.5                         | 40.1                      | 1946                       |
| 15 x 4 x 2.2                         | 50.4                      | 3505                       |
| 20 x 4 x 1.5                         | 45.2                      | 2533                       |
| 20 x 4 x 2.2                         | 57.1                      | 4547                       |
| 25 x 4 x 1.5                         | 51.5                      | 3150                       |
| 25 x 4 x 2.2                         | 64.9                      | 5582                       |
| 30 x 4 x 1.5                         | 54.0                      | 3557                       |
| 30 x 4 x 2.2                         | 66.8                      | 6383                       |

**CONTACT PERSON**

**Ing. Štěpán Laštůvka**  
 Product Supervisor  
 +420 732 912 682  
[stepan.lastuvka@prakab.com](mailto:stepan.lastuvka@prakab.com)

