

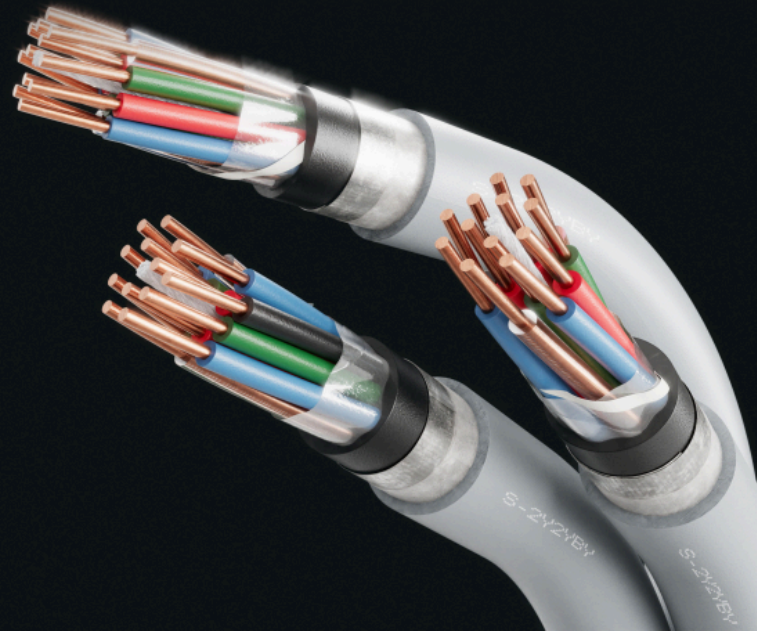


S-2Y2YBY quad

Railway signalling cable, unshielded, armoured

RAILWAY SIGNALLING AND TELECOMMUNICATIONS CABLES

Safety and control cable for fixed installation in railway installations. The cables must be protected from the constant influence of sunlight.



TECHNICAL DATA



Standard
ÖVE-K 11



Rated Voltage
max. 250 V



Bending radius (min.)
12 x ϕ of cable



Fire properties
EN 60332-1-2: flame retardant

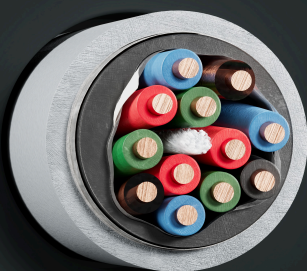


Core identification
Colour code with trace quad in each layer



Temperature range
Laying temperature: min. -5°C
Operating temperature: -30°C up to 60°C
Conductor temperature: max. 80°C

DESIGN



- 1 Copper conductor, round solid (RE)
- 2 Core insulation (PE), cores star quaded and quads stranded in layers
- 3 Inner covering (plastic foil)
- 4 Inner sheath (PE, black)
- 5 Armouring (bare steel tape, wrapped with plastic tape)
- 6 Sheath (PVC grey RAL 7035)

| Number of quads x conductor diameter | Outer diameter appr. (mm) | Total weight appr. (kg/km) | Standard lengths/packing (m) |
|--------------------------------------|---------------------------|----------------------------|------------------------------|
| 1 x 4 x 0.8 | 14.0 | 204 | 500 D, 1000 D |
| 2 x 4 x 0.8 | 18.0 | 335 | 500 D, 1000 D |
| 3 x 4 x 0.8 | 18.0 | 374 | 500 D, 1000 D |
| 5 x 4 x 0.8 | 21.0 | 464 | 500 D, 1000 D |
| 7 x 4 x 0.8 | 22.0 | 540 | 500 D, 1000 D |
| 10 x 4 x 0.8 | 27.0 | 750 | 500 D, 1000 D |
| 15 x 4 x 0.8 | 30.0 | 975 | 500 D, 1000 D |
| 20 x 4 x 0.8 | 33.0 | 1174 | 500 D, 1000 D |
| 25 x 4 x 0.8 | 37.0 | 1438 | 500 D, 1000 D |
| 1 x 4 x 0.9 | 15.0 | 236 | 500 D, 1000 D |
| 2 x 4 x 0.9 | 20.0 | 382 | 500 D, 1000 D |
| 3 x 4 x 0.9 | 20.0 | 419 | 500 D, 1000 D |
| 5 x 4 x 0.9 | 23.0 | 542 | 500 D, 1000 D |
| 7 x 4 x 0.9 | 25.0 | 681 | 500 D, 1000 D |
| 10 x 4 x 0.9 | 29.0 | 895 | 500 D, 1000 D |
| 15 x 4 x 0.9 | 33.0 | 1168 | 500 D, 1000 D |
| 20 x 4 x 0.9 | 38.0 | 1485 | 500 D, 1000 D |
| 25 x 4 x 0.9 | 41.0 | 1736 | 500 D, 1000 D |
| 1 x 4 x 1.4 | 17.0 | 336 | 500 D, 1000 D |
| 2 x 4 x 1.4 | 25.0 | 635 | 500 D, 1000 D |
| 3 x 4 x 1.4 | 26.0 | 718 | 500 D, 1000 D |
| 5 x 4 x 1.4 | 31.0 | 998 | 500 D, 1000 D |
| 7 x 4 x 1.4 | 33.0 | 1197 | 500 D, 1000 D |
| 10 x 4 x 1.4 | 40.0 | 1679 | 500 D, 1000 D |
| 15 x 4 x 1.4 | 47.0 | 2327 | 500 D, 1000 D |
| 20 x 4 x 1.4 | 52.0 | 2859 | 500 D, 1000 D |
| 25 x 4 x 1.4 | 58.0 | 3577 | 500 D, 1000 D |
| 1 x 4 x 1.8 | 20.0 | 447 | 500 D, 1000 D |
| 2 x 4 x 1.8 | 30.0 | 880 | 500 D, 1000 D |
| 3 x 4 x 1.8 | 31.0 | 1020 | 500 D, 1000 D |
| 5 x 4 x 1.8 | 37.0 | 1454 | 500 D, 1000 D |
| 7 x 4 x 1.8 | 40.0 | 1767 | 500 D, 1000 D |
| 10 x 4 x 1.8 | 49.0 | 2527 | 500 D, 1000 D |
| 15 x 4 x 1.8 | 57.0 | 3534 | 500 D, 1000 D |
| 20 x 4 x 1.8 | 65.0 | 4470 | 500 D, 1000 D |

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