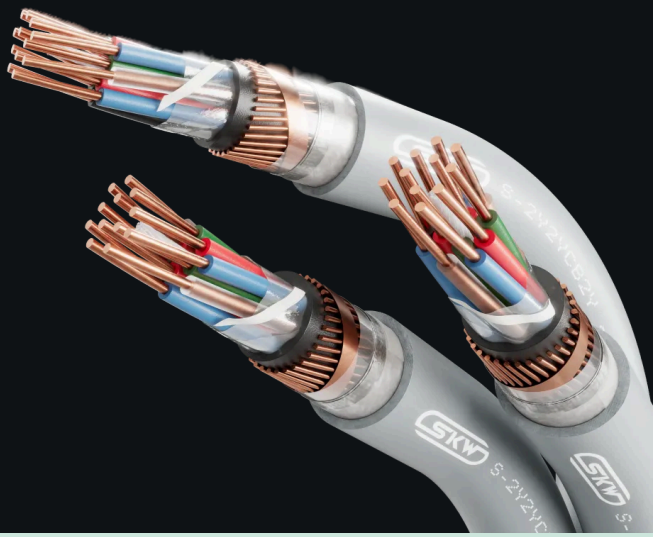
We Make Modern Life Possible.

RAILWAY SIGNALLING CABLES

# S-2Y2YCB2Y quad (J 0.65) HD



## PE/PE Railway signalling cable, screened, armoured

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

### TECHNICAL DATA

**Standard**
ÖVE-K 11

**Test Voltage**
2500 Veff / 50 Hz

**Rated Voltage**
max. 250 Veff

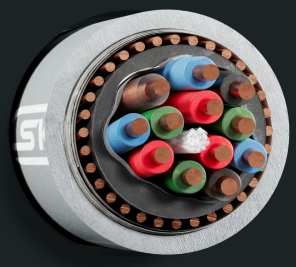
**Bending radius (min.)**
12 x Ø of cable

**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



# S-2Y2YCB2Y quad (J 0.65) HD
PE/PE Railway signalling cable, screened, armoured

| Electrical Parameters | | | | |
|---|---|---|---|---|
| Conductor diameter | mm | 0.9 | 1.4 | 1.8 |
| Loop resistance max | Ω/km | 56.6 | 23.4 | 14.1 |
| Insulation resistance, min. at 20 °C | MΩ/km | 10000 | 10000 | 10000 |

| Number of quads x conductor diameter | Outer diameter appr. (mm) | Total weight appr. (kg/km) | Standard lengths/packing (m) |
|---|---|---|---|
| 1 x 4 x 0.9 | 16.4 | 548 | 500 T, 1000 T |
| 2 x 4 x 0.9 | 21.0 | 659 | 500 T, 1000 T |
| 3 x 4 x 0.9 | 21.2 | 762 | 500 T, 1000 T |
| 5 x 4 x 0.9 | 24.8 | 1011 | 500 T, 1000 T |
| 7 x 4 x 0.9 | 26.4 | 1131 | 500 T, 1000 T |
| 10 x 4 x 0.9 | 30.6 | 1387 | 500 T, 1000 T |
| 15 x 4 x 0.9 | 35.4 | 1759 | 500 T, 1000 T |
| 20 x 4 x 0.9 | 39.0 | 2070 | 500 T, 1000 T |
| 25 x 4 x 0.9 | 42.5 | 2390 | 500 T, 1000 T |
| 1 x 4 x 1.4 | 18.8 | 664 | 500 T, 1000 T |
| 2 x 4 x 1.4 | 27.7 | 1005 | 500 T, 1000 T |
| 3 x 4 x 1.4 | 28.0 | 1152 | 500 T, 1000 T |
| 5 x 4 x 1.4 | 31.7 | 1422 | 500 T, 1000 T |
| 7 x 4 x 1.4 | 34.8 | 1703 | 500 T, 1000 T |
| 10 x 4 x 1.4 | 41.0 | 2203 | 500 T, 1000 T |
| 15 x 4 x 1.4 | 47.6 | 2866 | 500 T, 1000 T |
| 20 x 4 x 1.4 | 52.8 | 3627 | 500 T, 1000 T |
| 25 x 4 x 1.4 | 59.1 | 4202 | 500 T, 1000 T |
| 1 x 4 x 1.8 | 22.1 | 760 | 500 T, 1000 T |
| 2 x 4 x 1.8 | 32.3 | 1136 | 500 T, 1000 T |
| 3 x 4 x 1.8 | 32.8 | 1476 | 500 T, 1000 T |
| 5 x 4 x 1.8 | 39.1 | 2073 | 500 T, 1000 T |
| 7 x 4 x 1.8 | 42.1 | 2361 | 500 T, 1000 T |
| 10 x 4 x 1.8 | 51.5 | 3085 | 500 T, 1000 T |
| 15 x 4 x 1.8 | 60.2 | 4009 | 500 T, 1000 T |

Technical changes reserved. All figures are therefore without guarantee.



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