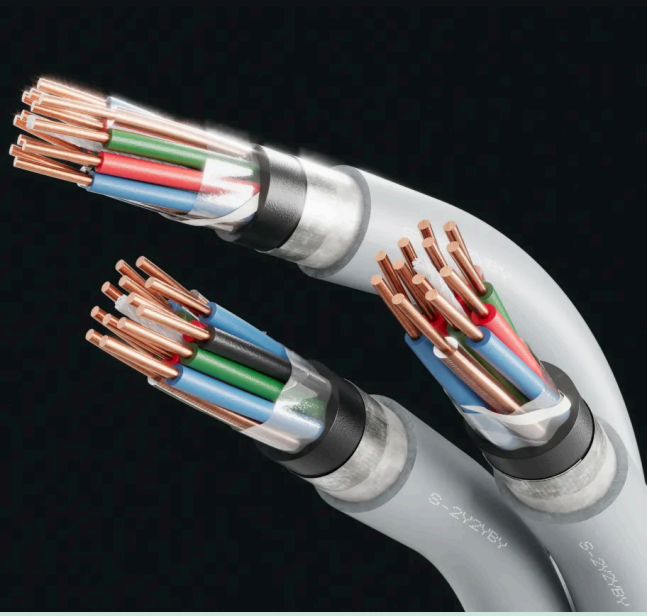
PRAKAB

We Make Modern Life Possible.

S-2Y2YBY quad

Railway signalling cable, unscreened, armoured

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

Test Voltage
core/core 2,5 kV / 50 Hz

Rated Voltage
max. 800 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



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

Technical changes reserved. All figures are therefore without guarantee.



CONTACT PERSON

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