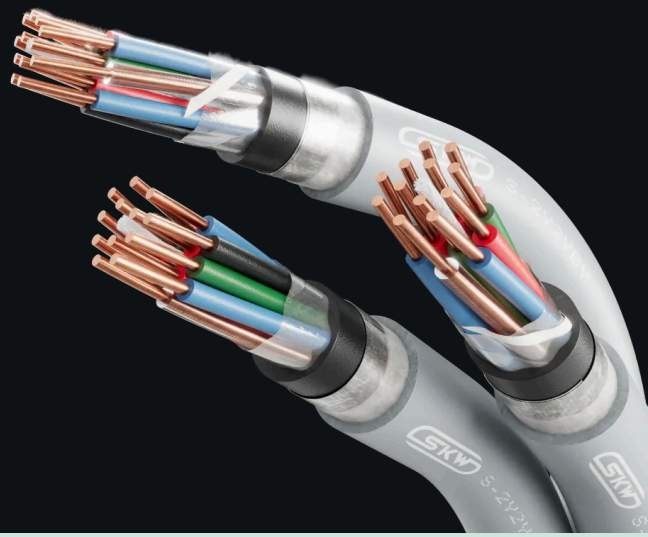
We Make Modern Life Possible.



RAILWAY SIGNALLING CABLES

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
2500 Veff / 50 Hz

Rated Voltage
max. 250 V

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	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

Technical changes reserved. All figures are therefore without guarantee.



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