

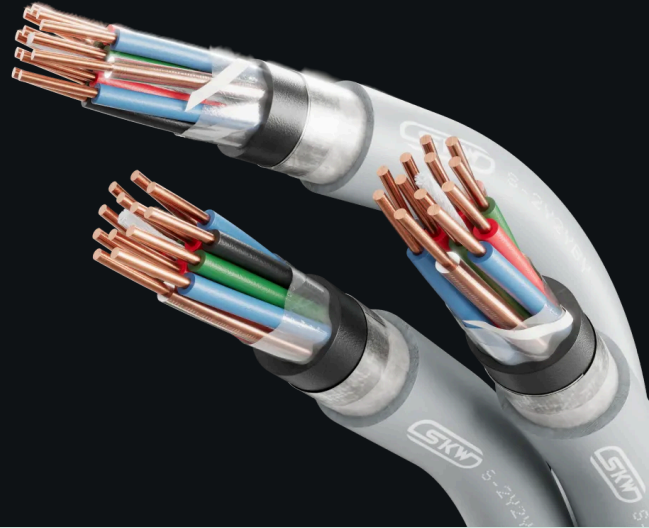


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RAILWAY SIGNALLING AND TELECOMMUNICATIONS CABLES

S-2Y2YBY quad

Railway signalling cable, unscreened,
armoured



TECHNICAL DATA



Standard
ÖVE-K 11



Rated Voltage
max. 250 V



Bending radius (min.)
12 x Ø of cable



Fire properties
EN 60332-1-2: flame retardant

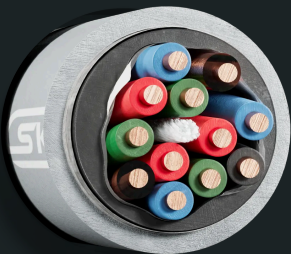


Core identification
Colour code with trace quad in each layer



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

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