

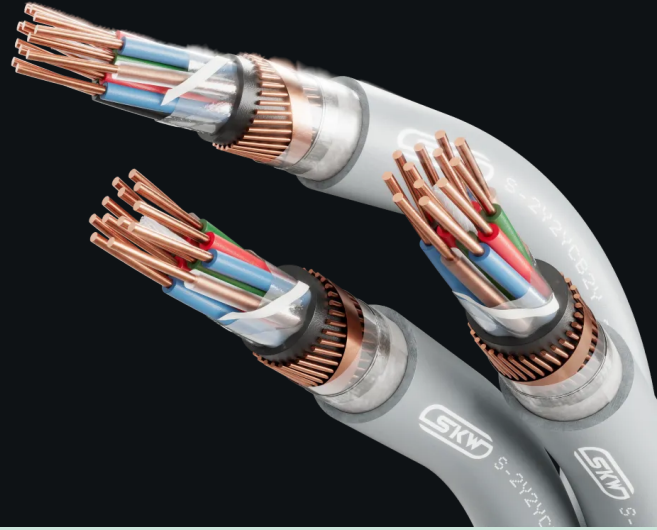


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RAILWAY SIGNALLING CABLES

S-2Y2YCB2Y quad (J 0.65) HD

PE/PE Railway signalling cable, screened,
armoured



TECHNICAL DATA



Standard
ÖVE-K 11



Test Voltage
2500 Veff / 50 Hz



Rated Voltage
max. 250 Veff



Bending radius (min.)
12 x ϕ of cable



Fire properties
EN 60332-1-2: flame retardant

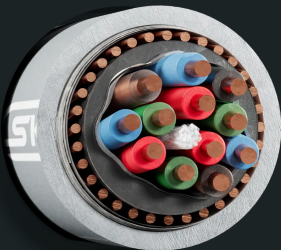


Core identification
Colour code with trace quad in each layer



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

DESIGN



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

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