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RAILWAY SIGNALLING CABLES

S-2Y2YCB2Y single core (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. 400 Veff (0,75 mm²)
max. 800 Veff (≥ 0,75 mm²)



Bending radius (min.)
12 x Ø of cable



Fire properties
EN 60332-1-2: flame retardant

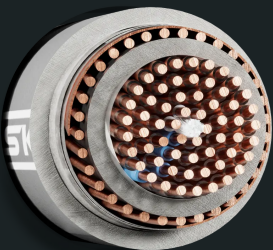


Core identification
Colour code with trace quad in each layer



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

DESIGN



Electrical Parameters

Conductor resistance, max. at 20 °C	Ω/km	5000	5000	5000
Mutual capacitance (approx. value), at 800 Hz	nF/km	100	100	100

Number of cores x nominal cross-section	Outer diameter appr. (mm)	Cu-value (kg/km)	Total weight appr. (kg/km)	Standard lengths/packing (m)
5 x 0.75	15.3	230	432	1000 T
10 x 0.75	16.8	265	544	1000 T
15 x 0.75	19.2	275	625	1000 T
20 x 0.75	19.8	335	685	1000 T
30 x 0.75	22.7	400	855	1000 T
40 x 0.75	25.1	500	1055	1000 T
80 x 0.75	32.1	845	1649	1000 T
100 x 0.75	36.8	995	2017	1000 T
5 x 1.5	17.5	190	528	1000 T
10 x 1.5	19.8	295	714	1000 T
20 x 1.5	25.3	405	1158	1000 T
30 x 1.5	28.4	590	1401	1000 T
40 x 1.5	31.0	770	1686	1000 T
48 x 1.5	31.1	876	1868	1000 T
60 x 1.5	36.6	1080	2189	1000 T
80 x 1.5	40.0	1400	2681	1000 T
100 x 1.5	44.0	1760	3163	1000 T
5 x 2.5	19.2	300	621	1000 T
20 x 2.5	27.3	610	1465	1000 T
30 x 2.5	33.0	879	1892	1000 T
40 x 2.5	35.2	1150	2267	1000 T
60 x 2.5	40.3	1700	3067	1000 T
80 x 2.5	45.4	2269	3780	1000 T
100 x 2.5	49.2		4481	1000 T
5 x 4	20.3	340	907	500 T, 1000 T
10 x 4	24.0	540	1284	500 T, 1000 T
15 x 4	28.0	777	1700	500 T, 1000 T
20 x 4	32.1	955	1977	500 T, 1000 T
30 x 4	36.7	1375	2553	500 T, 1000 T
40 x 4	41.3	1850	3160	500 T, 1000 T
60 x 4	47.6	2670	4326	500 T, 1000 T
80 x 4	52.9	3510	5490	500 T, 1000 T
100 x 4	59.1	4350	6461	500 T, 1000 T



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