We Make Modern Life Possible.

RAILWAY SIGNALLING CABLES

S-2Y2YCB2Y single core (J 0.65) HD



PE/PE Railway signalling cable, screened, armoured

Safety and control cable with induction protection 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. 400 Veff (0,75 mm²)
max. 800 Veff(≥ 0,75 mm²)

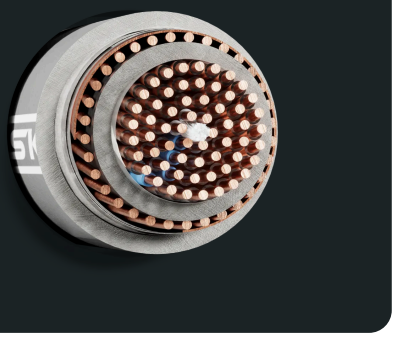
Bending radius (min.)
12 x Ø of cable

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



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PE/PE Railway signalling cable, screened, armoured

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

Technical changes reserved. All figures are therefore without guarantee.



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