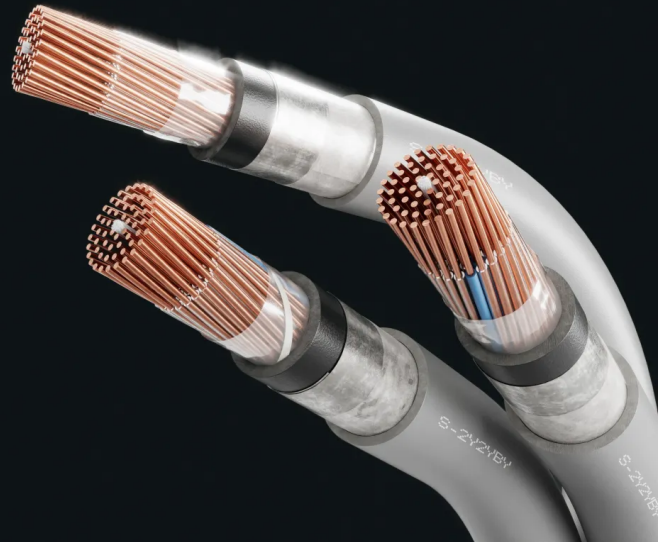


S-2Y2YBY single core

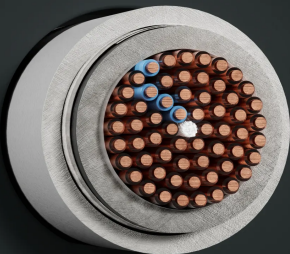
Railway signalling cable, unscreened,
armoured



TECHNICAL DATA

	Standard ÖVE-K 11		Core identification Colour code with blue trace core in each layer
	Rated Voltage max. 800 Veff		Fire properties EN 60332-1-2: Flame retardant
	Test Voltage core/core 3,5 kV / 50 Hz		Temperature range Laying temperature: min. -5°C Operating temperature: -30°C up to 60°C Conductor temperature: max. 80°C
	Bending radius (min.) 12 x Ø of cable		

DESIGN



- 1 Copper conductor, round solid (RE)
- 2 Core insulation (PE), cores stranded in layers
- 3 Inner covering (plastic tape)
- 4 Inner sheath (PE, black)
- 5 Armouring (bare steel tape, wrapped with plastic tape)
- 6 Sheath (PVC grey RAL 7035)

Number of cores x nominal cross-section (mm ²)	Standard lengths/packing (m)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
5 x 0.75	1000 D	13.6	233
10 x 0.75	1000 D	16.2	328
15 x 0.75	1000 D	17.6	398
20 x 0.75	1000 D	18.8	467
30 x 0.75	1000 D	21.0	604
40 x 0.75	1000 D	22.8	730
60 x 0.75	1000 D	26.9	1015
80 x 0.75	1000 D	30.0	1272
100 x 0.75	1000 D	33.2	1520
5 x 1.5	1000 D	14.7	290
10 x 1.5	1000 D	17.8	431
14 x 1.5	1000 D	18.8	512
15 x 1.5	1000 D	19.5	542
19 x 1.5	1000 D	20.2	619
20 x 1.5	1000 D	21.0	663
30 x 1.5	1000 D	24.3	911
40 x 1.5	1000 D	26.5	1122
48 x 1.5	1000 D	28.5	1294
50 x 1.5	1000 D	29.3	1352
60 x 1.5	1000 D	30.9	1548
80 x 1.5	1000 D	35.0	1998
100 x 1.5	1000 D	38.8	2418
200 x 1.5	1000 D	50.5	4381
2 x 2.5	1000 D	14.1	252
5 x 2.5	1000 D	16.2	368
10 x 2.5	1000 D	20.1	570
15 x 2.5	1000 D	22.1	749
20 x 2.5	1000 D	24.7	958
30 x 2.5	1000 D	27.9	1278
40 x 2.5	1000 D	30.9	1621
60 x 2.5	1000 D	36.6	2308
80 x 2.5	1000 D	41.2	2944
100 x 2.5	1000 D	46.6	3652
5 x 4	1000 D	18.5	507
7 x 4	1000 D	19.7	603
10 x 4	1000 D	24.2	862
15 x 4	1000 D	26.9	1129
20 x 4	1000 D	29.6	1425
30 x 4	1000 D	33.8	1930
40 x 4	1000 D	38.0	2515
60 x 4	1000 D	45.5	3620
80 x 4	1000 D	51.7	4665
100 x 4	1000 D	58.5	5788
4 x 6	1000 D	18.7	535



Number of cores x nominal cross-section (mm ²)	Standard lengths/packing (m)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
5 x 6	1000 D	19.9	625
10 x 6	1000 D	26.3	1101
20 x 6	1000 D	32.4	1880
24 x 6	1000 D	36.0	2253
30 x 6	1000 D	37.8	2664
5 x 10	1000 D	22.6	880

CONTACT PERSON

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