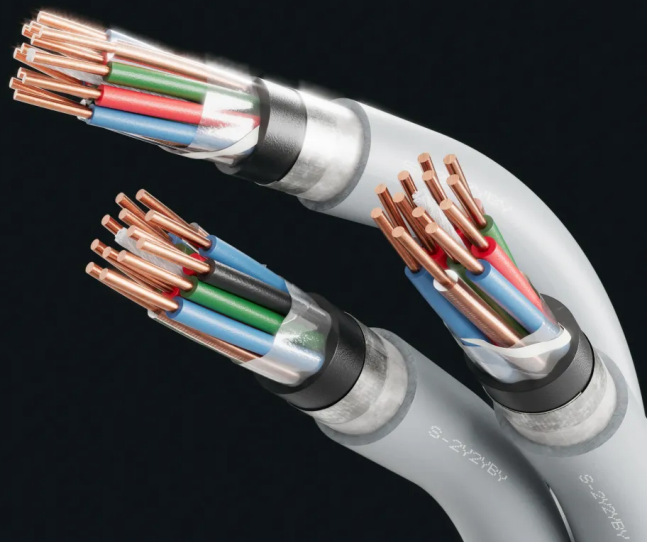


S-2Y2YBY quad

Railway signalling cable, unscreened,
armoured



TECHNICAL DATA



Standard
ÖVE-K 11



Test Voltage
core/core 2,5 kV / 50 Hz



Rated Voltage
max. 800 V_{eff}



Bending radius (min.)
12 x Ø of cable



Fire properties
EN 60332-1-2: flame retardant

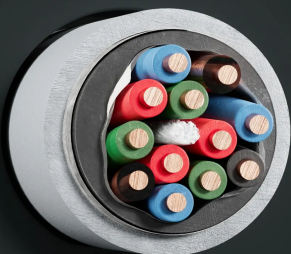


Core identification
Colour code with trace quad in each layer



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	Standard lengths/packing (m)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
1 x 4 x 0.8	500 D, 1000 D	14.0	204
2 x 4 x 0.8	500 D, 1000 D	18.0	335
3 x 4 x 0.8	500 D, 1000 D	18.0	374
5 x 4 x 0.8	500 D, 1000 D	21.0	464
7 x 4 x 0.8	500 D, 1000 D	22.0	540
10 x 4 x 0.8	500 D, 1000 D	27.0	750
15 x 4 x 0.8	500 D, 1000 D	30.0	975
20 x 4 x 0.8	500 D, 1000 D	33.0	1174
25 x 4 x 0.8	500 D, 1000 D	37.0	1438
1 x 4 x 0.9	500 D, 1000 D	15.0	236
2 x 4 x 0.9	500 D, 1000 D	20.0	382
3 x 4 x 0.9	500 D, 1000 D	20.0	419
5 x 4 x 0.9	500 D, 1000 D	23.0	542
7 x 4 x 0.9	500 D, 1000 D	25.0	681
10 x 4 x 0.9	500 D, 1000 D	29.0	895
15 x 4 x 0.9	500 D, 1000 D	33.0	1168
20 x 4 x 0.9	500 D, 1000 D	38.0	1485
25 x 4 x 0.9	500 D, 1000 D	41.0	1736
1 x 4 x 1.4	500 D, 1000 D	17.0	336
2 x 4 x 1.4	500 D, 1000 D	25.0	635
3 x 4 x 1.4	500 D, 1000 D	26.0	718
5 x 4 x 1.4	500 D, 1000 D	31.0	998
7 x 4 x 1.4	500 D, 1000 D	33.0	1197
10 x 4 x 1.4	500 D, 1000 D	40.0	1679
15 x 4 x 1.4	500 D, 1000 D	47.0	2327
20 x 4 x 1.4	500 D, 1000 D	52.0	2859
25 x 4 x 1.4	500 D, 1000 D	58.0	3577
1 x 4 x 1.8	500 D, 1000 D	20.0	447
2 x 4 x 1.8	500 D, 1000 D	30.0	880
3 x 4 x 1.8	500 D, 1000 D	31.0	1020
5 x 4 x 1.8	500 D, 1000 D	37.0	1454
7 x 4 x 1.8	500 D, 1000 D	40.0	1767
10 x 4 x 1.8	500 D, 1000 D	49.0	2527
15 x 4 x 1.8	500 D, 1000 D	57.0	3534
20 x 4 x 1.8	500 D, 1000 D	65.0	4470

CONTACT PERSON

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