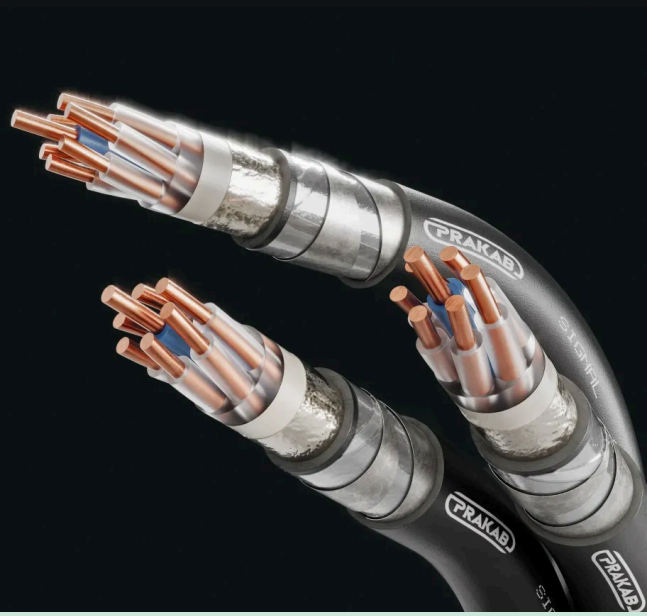
We Make Modern Life Possible.

A-2YOF(L)2YB2Y (H115/H145)

Signalling cable, screened, longitudinally water-proof

For general use as a undeground cable in signalling devices.



TECHNICAL DATA

Standard
Adapted to DB AG No.: 416.0113

Certificate
VDE Germany

Test Voltage
2500 VAC

Rated Voltage
600 V (DC)
420 V (AC, RMS)

Bending radius (min.)
20 x Ø of cable

Core identification
DB AG No.: 416.0116

Temperature range
Laying temperature: min. -10°C
Operating temperature: -40°C up to 60°C

DESIGN



1. Copper conductor, round solid (RE)
2. Core insulation (PE), core stranded in layer. Core stranding filled by low capacitance filling compound
3. Inner covering (plastic tape)
4. Screen (plastic laminated aluminium foil, which is welded to the PE sheath)
5. Inner sheath (PE, black)
6. Inner protective covering (plastic tape)
7. Armouring (galvanized steel tape)
8. Outer sheath (PE black, UV-resistant)

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Electrical Parameters				
Conductor diameter	mm	0.9	1.4	1.8
Conductor resistance, max. at 20 °C	Ω/km	28.9	11.9	7.2
Insulation resistance, min. at 20 °C	MΩ/km	1500	1500	1500
Mutual capacitance (approx. value), at 800 Hz	nF/km	115	145	145

Number of cores x conductor diameter	Outer diameter appr. (mm)	Total weight appr. (kg/km)
2	10.0	160
4	10.0	170
4	11.0	240
4	13.0	300
7	11.0	220
7	14.0	320
7	16.0	430
8	21.1	684
10	14.0	290
10	15.0	410
10	18.0	560
14	14.0	300
14	16.0	490
14	19.0	680
20	15.0	380
20	19.0	630
20	22.0	890
24	17.0	460
24	20.0	730
24	24.0	1060
30	17.0	490
30	21.0	840
30	26.0	1230
40	18.0	590
40	24.0	1050
40	28.0	1560
50	20.0	700
50	26.0	1280
50	32.0	1940
60	22.0	800
60	28.0	1490
60	34.0	2280
80	23.0	1000
80	31.0	1920
80	38.0	2920
100	27.0	1250
100	35.0	2350
100	43.0	3630

Number of cores x conductor diameter	Outer diameter appr. (mm)	Total weight appr. (kg/km)
120	28.0	1390
120	37.0	2730
140	31.0	1650
140	40.0	3140
160	32.0	1790
160	42.0	3540
180	35.0	2030
180	45.0	3970
200	35.0	2150

Technical changes reserved. All figures are therefore without guarantee.



CONTACT PERSON

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