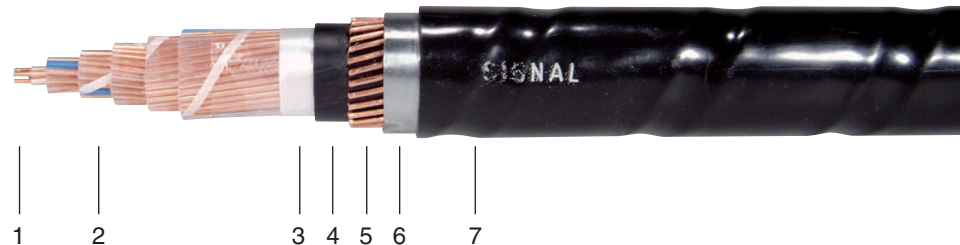


AJ-2Y2YDB2Y

1/1

Reference standard :

DB AG 416.0113 (DLK.1.013.107y)


Construction

1. Solid copper conductor
2. PE insulation
Assembling in concentric layers:
coding: blue marking core in each layer
other cores: colourless
(pilot cores if number of cores ≥ 14 cores)
3. Common core covering
4. PE inner sheath black
5. Concentric copper wire screen
6. 2 layers of galvanised steel tape
7. PE outer sheath black

Properties

- Halogen free compounds
- Excellent mechanical protection (also against rodent attacks)
- Protected against inductive influence / optimized reduction factor (RK 400, 500 or 600)
- Service temperature: -40 ... +60 °C
- Laying temperature: -10 ... +60 °C
- Min. bending radius: 10 x cable outer diameter
- Max. pulling force: 50 N/mm² x total copper conductor cross-section (in mm²)

Dimensions

Conductor size	Insulation thickness mm	Conductor resistance Ω/km	Capacitance nF/km	Voltage test kV _{ac} 1 min	Insulation resistance at 20 °C G Ω .km
0,9 mm/H115	0,370	$\leq 28,9$	≤ 115	2,5	≥ 10
1,4 mm/H145	0,400	$\leq 11,9$	≤ 145	2,5	≥ 10
1,8 mm/H145	0,500	$\leq 7,2$	≤ 145	2,5	≥ 10

Also available in halogen free and fire retardant version according to IEC 60332-3 cat. C: AJ-2YHDBH