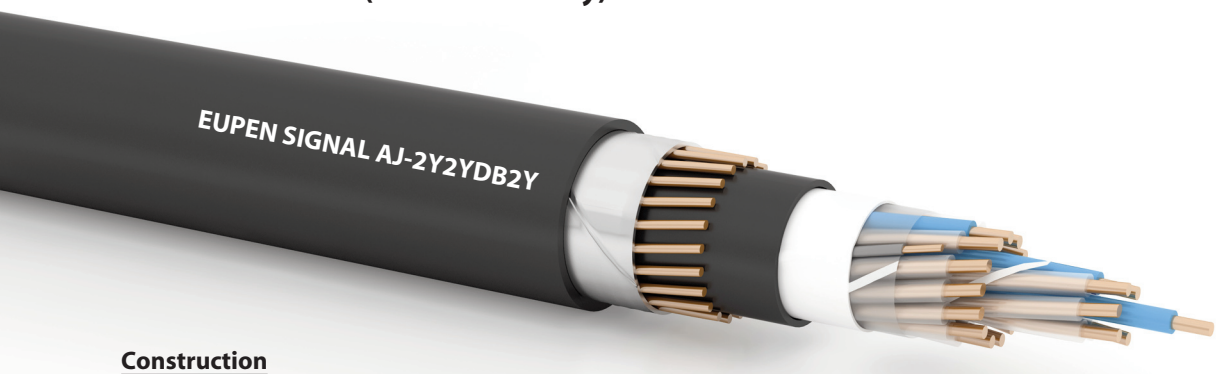
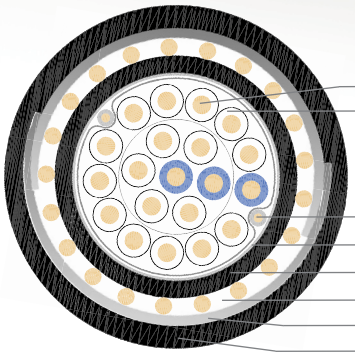
AJ-2Y2YDB2Y

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
3. Pilot cores (if number of cores ≥14 cores)
4. Common core covering
5. PE inner sheath black
6. Concentric copper wire screen
7. 2 layers of galvanised steel tape
8. 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: 15 x cable outer diameter
- Max. pulling force: 50 N/mm² x total copper conductor cross-section (in mm²)

Dimensions

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

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

All information given is indicative only and not binding and can be subject to change without notice.