

AJ-2Y2YDB2Y

1/1

Reference standard :

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 galvanized 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: $-40 \dots +60 \text{ }^\circ\text{C}$
- Laying temperature: $-10 \dots +60 \text{ }^\circ\text{C}$
- Min. bending radius: $10 \times$ cable outer diameter
- Max. pulling force: $50 \text{ N/mm}^2 \times$ total copper conductor cross-section (in mm^2)

Dimensions

Conductor size	Insulation thickness mm	Conductor resistance Ω/km	Capacitance nF/km	Voltage test $\text{kV}_{\text{ac}} 1 \text{ min}$	Insulation resistance at $20 \text{ }^\circ\text{C}$ $\text{G}\Omega.\text{km}$
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