

A-2Y2YB2Y

1/1

Reference standard :

DB AG 416.0114 (DLK.1.013.108y)


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. 2 layers of galvanized steel tape
6. PE outer sheath black

Properties

- Halogen free compounds
- Excellent mechanical protection (also against rodent attacks)
- Service temperature: $-40 \dots +60 \text{ }^\circ\text{C}$
- Laying temperature: $-10 \dots +60 \text{ }^\circ\text{C}$
- Min. bending radius: 10 x cable outer diameter
- Max. pulling force: 50 N/mm^2 x 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 $20 \text{ }^\circ\text{C}$ $\text{G}\Omega.\text{km}$
1,4 mm/H95	0,750	$\leq 11,9$	≤ 95	2,5	≥ 10
1,8 mm/H95	1,000	$\leq 7,2$	≤ 95	2,5	≥ 10

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