

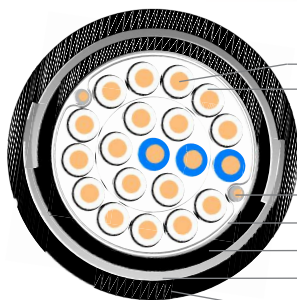
# A-2Y2YB2Y

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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
3. Pilot cores (if number of cores  $\geq 14$  cores)
4. Common core covering
5. PE inner sheath black
6. 2 layers of galvanised steel tape
7. PE outer sheath black

## Properties

- Halogen free compounds
- Excellent mechanical protection (also against rodent attacks)
- Service temperature: -40 ... +60 °C
- Laying temperature: -10 ... +60 °C
- Min. bending radius: 15 x cable outer diameter
- Max. pulling force: 50 N/mm<sup>2</sup> x total copper conductor cross-section (in mm<sup>2</sup>)

## Dimensions

Conductor size	Insulation thickness mm	Conductor resistance $\Omega/\text{km}$	Capacitance nF/km	Voltage test kV <sub>ac</sub> 1 min	Insulation resistance at 20 °C G $\Omega$ .km
1,4 mm/H95	0,750	$\leq 11,9$	$\leq 95$	2,5	$\geq 10$
1,8 mm/H95	1,000	$\leq 7,2$	$\leq 95$	2,5	$\geq 10$

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

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