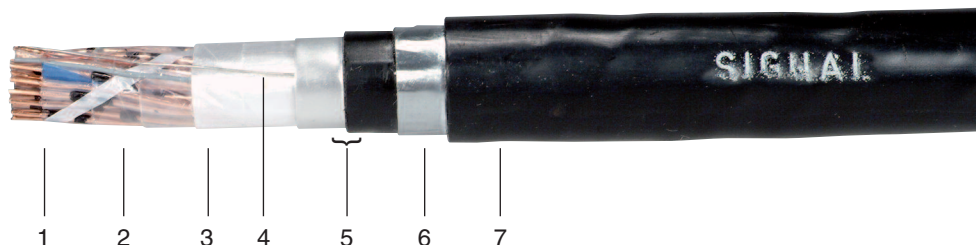


# A-2Y(L)2YB2Y

1/1

Reference standard :

**DB AG 416.0115 (DLK.1.013.109y)**


## Construction

1. Solid copper conductor
2. PE insulation  
Twisted quads laid up in concentric layers:
  - coding: ring marking acc. to the applicable standard, counter quad is marked with a blue tape
  - two pilot cores 0,5 mm for cables  $\geq 7$  quads
3. Taped common core covering
4. Tinned copper wire
5. Alu/PE laminated inner sheath
6. 2 layers of galvanized steel tape
7. PE outer sheath black

## Properties

- Halogen free compounds
- Special moisture barrier and transversal liquid tightness
- Good screening due to Alu-tape
- Excellent mechanical protection (also against rodent attacks)
- Service temperature: -40 ... +60 °C
- Laying temperature: -10 ... +60 °C
- Min. bending radius: 7,5 x cable diameter
- Max. pulling force: 50 N/mm<sup>2</sup> x total cross-section of all copper conductors together

## Dimensions

Cross-section	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
n x 4 x 0,9 mm/H45	0,450	$\leq 56,6$	$\leq 45$	2,5	$\geq 10$
n x 4 x 1,4 mm/H45	0,650	$\leq 23,4$	$\leq 45$	2,5	$\geq 10$

(n : 1 - 40)

Also available in halogen free and fire retardant version according to IEC 60332-3 cat. C: A-2Y(L)HBH