

# A-2Y2YB2Y

1/1

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  
(pilot cores if number of cores  $\geq 14$  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:  $50 \text{ N/mm}^2 \times \text{total copper conductor cross-section (in mm}^2\text{)}$

## 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
0,9 mm/H115	0,370	$\leq 28,9$	$\leq 115$	2,5	$\geq 10$
1,4 mm/H145	0,400	$\leq 11,9$	$\leq 145$	2,5	$\geq 10$
1,8 mm/H145	0,500	$\leq 7,2$	$\leq 145$	2,5	$\geq 10$

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