

# A-2Y2YV

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  $\geq 14$  cores)
3. Common core covering
4. PE outer sheath black

## Properties

- Halogen free compounds
- Good mechanical protection -suitable to be layed in the ground or in ducts
- Service temperature: -40 ... +60 °C
- Laying temperature: -10 ... +60 °C
- Min. bending radius: 7,5 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 flame retardant version according to IEC 60332-1: A-2YHV