

A-2Y(L)2YB2Y

1/1

Reference standard :

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 ≥ 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/mm² x total cross-section of all copper conductors together

Dimensions

| Cross-section | Insulation thickness mm | Conductor resistance Ω /km | Capacitance nF/km | Voltage test kV _{ac} 1 min | Insulation resistance at 20 °C G Ω .km |
|--------------------|----------------------------|--------------------------------------|----------------------|--|--|
| n x 4 x 0,9 mm/H45 | 0,450 | $\leq 56,6$ | ≤ 45 | 2,5 | ≥ 10 |
| n x 4 x 1,4 mm/H45 | 0,650 | $\leq 23,4$ | ≤ 45 | 2,5 | ≥ 10 |

(n : 1 - 40)

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