

BM-YY

PVC Fire alarm cable, unshielded

DESIGN



- 1 | Copper conductor, round solid
- 2 | Core insulation (PVC)
- 3 | Sheath (PVC red with marking "Brandmeldeleitung")

APPLICATION

For the fixed installation for indoors as installation cable in fire alarm systems.

TECHNICAL DATA



Standard:
EN 50575
adapted to ÖVE-K 35



Operating voltage:
max. 300 Vss



Test voltage:
800 Veff / 50 Hz



Temperature range:
laying temperature: max. -5 °C
fixed: -30 °C up to 70 °C
moved: -5 °C up to 50 °C



Bending radius (min.):
7.5 x Ø of wire



Core identification:
coloured according to ÖVE-K 35



Fire properties:
EN 60332-1-2: flame retardant
CPR classification: E_{ca}

ELECTRICAL PARAMETERS

Conductor diameter	(mm)	0.8
Conductor resistance, max. at 20 °C	(Ω/km)	36.6
Insulation resistance, min. at 20 °C	(MΩ.km)	100

Number of cores x conductor diameter (mm)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/packing (m)
BM-YY			
2 x 0.8	4.5	30	100 R, 500 Sp, 1000 Sp
3 x 0.8	4.8	36	100 R, 500 Sp, 1000 Sp
4 x 0.8	5.5	44	100 R, 500 Sp, 1000 Sp

Technical changes reserved. All figures are therefore without guarantee.

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