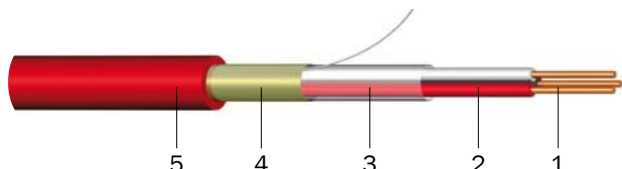


# BM-YAY

**Fire signalling cable, screened**  
**Standard: similar to ÖVE K 35**

**Application:**

For fixed indoor installations as connection cable for fire alarm systems.



**Construction:**

- 1 Copper conductor, single wire
- 2 Insulation (PVC), cores stranded to pairs, pairs stranded in layers
- 3 Taping (plastic tape)
- 4 Screen (aluminium/plastic laminate tape with drain wire)
- 5 Sheath (PVC, red, marking „Brandmeldeleitung“)



**Operating voltage:** max. 300 Vss



**Test voltage:** A/A 500 Veff  
A/S 2000 Veff



**Temperature range:**  
 During installation: min. -5 °C  
 Operating temperature: fixed -30 °C to +70 °C  
 moved -5 °C to +50 °C



**Bending radius (min.):** 7.5 x Ø of the cable



**Core identification:** colour code (similar to ÖVE K 35)



**Flammability:**  
 Self extinguishing (EN 50265-2-1,  
IEC 60332-1)

**Electrical data**

Nominal cross section	(mm)	0.8
Loop resistance max.	(Ω/km)	73.2
Insulation resistance, min.	(MΩ.km)	100
Mutual capacitance max. at 800 Hz	(nF/km)	100
Capacitance imbalance, max. at 800 Hz	(pF/100 m)	300

Number of circuits x nominal cross section (mm)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.	Standard lengths/ packing (m)	Price (EUR/km)
<b>BM-YAY</b>					
1 x 2 x 0.8	5.5	12	41	100 R, 500 Sp, 1000 Sp	<b>684.55</b>
1 x 3 x 0.8	5.9	17	50	100 R, 500 Sp, 1000 Sp	<b>737.76</b>
1 x 4 x 0.8	6.0	22	126	100 R, 500 Sp, 1000 Sp	<b>885.31</b>
2 x 2 x 0.8	6.0	22	55	500 Sp, 1000 Sp	885.31
3 x 2 x 0.8	8.0	32	74	500 Sp, 1000 Sp	1,499.70
6 x 2 x 0.8	10.0	62	125	500 Sp, 1000 Sp	2,322.13
10 x 2 x 0.8	12.0	103	188	500 T, 1000 T	3,410.63
20 x 2 x 0.8	16.0	203	350	500 T, 1000 T	5,829.51
30 x 2 x 0.8	17.6	304	526	500 T, 1000 T	8,248.39
40 x 2 x 0.8	22.0	404	685	501 T, 1000 T	10,596.64

Subject to technical changes. All figures are therefore without guarantee.