

Telephone and Alarm cables

J-Y(St)Y J-H(St)H

BMK Fire Alarm Cable



TECHNICAL FEATURES

Operating temperature	-30 °C ÷ +70 °C
Rated voltage	300 V
Testing voltage	800 V
Current carrying capacity	Acc. to DIN VDE, 0295 resp. IEC 60228
Conductor material	Solid Bare copper
Conductor class	Wire-Ø 0,6 mm (0,28 mm ²), wire-Ø 0,8 mm (0,50 mm ²)
Core insulation	Thermoplastic material based PVC (quality TI2)
Core identification	Acc. to DIN VDE 0815 different colours
Overall shield	Pol. Tape, drain wire tinned copper and Al/Pol. tape
Outer sheath	Thermoplastic material based PVC (quality TM2)
Sheath colour	Grey RAL 7001 or Red RAL 3000
Printing	To be defined
Burning behavior	Self-extinguishing & flame-retardant acc. to IEC 60332-1
Min. bending radius	Fixed 7,5 x cable Ø / mobile use 10 x cable Ø
Other versions	J-H(St)H Low Smoke Zero Halogen

APPLICATION

System cable with electrostatic shield for telecommunication. IT-system and data signals. Suitable for fixed laying in dry and humid rooms, on-wall and in-wall, outdoor use, no laying underground.

SPECIAL FEATURES

Aluminium tape shielded
Pairs stranded in layers
Available: J-Y(St)Y BMK as fire alarm cable with red RAL3000 outer sheath

REMARKS

Conform to RoHS
CE acc. to EC Low-Voltage Directive 73/23/EEC and 93/68/EEC

Size	Nom. O.D.	Copper weight	Approx. Cable weight	Size	Nom. O.D.	Copper weight	Approx. Cable weight
mm	mm	kg/km	kg/km	mm	mm	kg/km	kg/km
1x2x0,60	5	6,9	30	1x2x0,80	6,0	11	40
2x2x0,60	5,5	13	40	1x4x0,80	6,5	21	50
3x2x0,60	6,3	18	50	2x2x0,80	7,0	23	60
4x2x0,60	6,8	24	60	3x2x0,80	8,5	31	80
5x2x0,60	7,2	30	70	4x2x0,80	9,0	41	100
6x2x0,60	7,5	35	80	5x2x0,80	9,5	52	120
8x2x0,60	8	46	90	6x2x0,80	10,5	62	140
10x2x0,60	9	58	110	8x2x0,80	11,5	82	170
12x2x0,60	9,5	71	130	10x2x0,80	13,0	102	220
14x2x0,60	10,0	82	145	12x2x0,80	14,0	123	250
16x2x0,60	10,5	93	160	14x2x0,80	14,5	144	280
20x2x0,60	11	116	190	16x2x0,80	15,5	164	320
24x2x0,60	11,5	139	220	20x2x0,80	16,5	204	380
30x2x0,60	13,0	172	280	24x2x0,80	19,0	244	460
40x2x0,60	15,0	229	350	30x2x0,80	20,0	304	560
50x2x0,60	17	286	430	40x2x0,80	22,5	405	710
60x2x0,60	18	342	500	50x2x0,80	25,5	506	900
80x2x0,60	20,5	455	640	60x2x0,80	28,0	606	1050
100x2x0,60	23	568	850	80x2x0,80	31,0	807	1400
				100x2x0,80	32,0	1008	1750