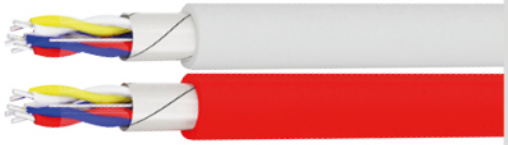
J-Y(St)Y J-H(St)H

Telephone and Alarm cables
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, s. Techn. Guidelines
Conductor material	Solid Bare copper
Conductor class	Wire-Ø 0,6 mm (0,28 mm²), wire-Ø 0,8 mm (0,50 mm²)
Core insulation	Thermoplastic material based PVC (quality TI2)
Core identification	Acc. to DIN VDE 0815 different colours
Min. bending radius	Fixed 7,5 x cable Ø / mobile use 10 x cable Ø
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
Burning behavior	Self-extinguishing & flame-retardant acc. to IEC 60332-1
Standard	Acc. to DIN VDE 0815

APPLICATION

Installation cable with electrostatic shield for telecommunication and IT-system for lossless transmission of datas and signals. Suitable for fixed laying in dry and humid rooms, on-wall and in-wall, outdoor use, no laying underground. Installation cables are not designed for high voltage purposes and are not suitable for laying underground

SPECIAL FEATURES

Shielded by aluminium foil-tape
Pairs stranded in layers (Lg)
Free from lacquer damaging substances and silicone (during production)
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.
We are pleased to produce special versions, other dimensions, core and jacket colours on request

Section mm	Nom. O.D. mm	Copper weight kg/km	Approx. Cable weight kg/km
1x2x0,6	5	6,9	30
2x2x0,6	5,5	13	40
3x2x0,6	6,3	18	50
4x2x0,6	6,8	24	60
5x2x0,6	7,2	30	70
6x2x0,6	7,5	35	80
8x2x0,6	8	46	90
10x2x0,6	9	58	110
12x2x0,6	9,5	71	130
14x2x0,6	10,0	82	145
16x2x0,6	10,5	93	160
20x2x0,6	11	116	190
24x2x0,6	11,5	139	220
30x2x0,6	13,0	172	280
40x2x0,6	15,0	229	350
50x2x0,6	17	286	430
60x2x0,6	18	342	500
80x2x0,6	20,5	455	640
100x2x0,6	23	568	850

Section mm	Nom. O.D. mm	Copper weight kg/km	Approx. Cable weight kg/km
1x2x0,8	6,0	11	40
1x4x0,8	6,5	21	50
2x2x0,8	7,0	23	60
3x2x0,8	8,5	31	80
4x2x0,8	9,0	41	100
5x2x0,8	9,5	52	120
6x2x0,8	10,5	62	140
8x2x0,8	11,5	82	170
10x2x0,8	13,0	102	220
12x2x0,8	14,0	123	250
14x2x0,8	14,5	144	280
16x2x0,8	15,5	164	320
20x2x0,8	16,5	204	380
24x2x0,8	19,0	244	460
30x2x0,8	20,0	304	560
40x2x0,8	22,5	405	710
50x2x0,8	25,5	506	900
60x2x0,8	28,0	606	1050
80x2x0,8	31,0	807	1400
100x2x0,8	32,0	1008	1750

The data and sketches of this technical leaflet are not binding and can be varied as a consequence of modifications and/or improvements deemed necessary by the manufacturer. Tollerances on weights and diameters ± 5%.