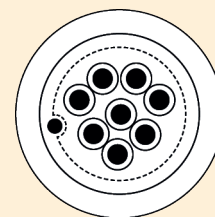
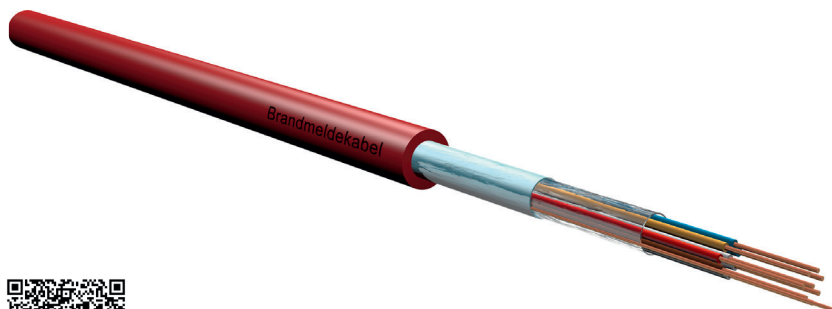


J-Y(St)Y BMK

Fire signalisation cable

RoHS

CROSS SECTION



APPLICATION

This cable is used as a voice line in intercom units and telephone extensions for fixed installation in dry and damp rooms, as well as on external walls, protected against direct sunlight. Not suitable for burying underground. The static shield (St) made from plastic-laminated metal foil protects the cable circuits against external electrical interferences to maintain the necessary capacitive coupling values and ensure accurate pulse transmission. The cable sheaths are labelled at regular intervals with the text 'fire alarm cable'. Installation advice: when laid, these cables must be unwound from the coil or ring without any twists or kinks.

SPECIAL FEATURES

Properties
Stranded in layers

Sheath colour
Red (RAL 3000)

STRUCTURE

Conductor	Copper conductor, bare, solid, 2 cores stranded to form a pair, pairs stranded in concentric layers. Core wrapping
Cores	PVC insulation according to VDE 0207 part 4, colour coding according to VDE 0815
Drain wire	Copper grounding drain wire under metal foil
Shield	Aluminium-laminated foil
Outer sheath	PVC according to VDE 0207 part 5

TECHNICAL DATA

Nominal voltage	300 V
Test voltage	800 V
Loop resistance	73.2 Ohm/km
Insulation resistance	100 MOhm x km
Cable attenuation	At 800 Hz: 1.12 dB/km
Operating temperature	+50°C
Max. operating temperature	+70°C
Capacitive coupling	At 800 Hz max.: 300 pF/100 m
Min. installation temperature	-5°C
Bending radius	Fixed installation: 7.5 x cable diameter

TESTS ACCORDING TO DIN VDE 0472 AND IEC:

Flammability	Test method B acc. to VDE 0472 part 804 and IEC 332-1
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Product description	Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
J-Y(St)Y 1x2x0.8 Red	11.0	5.4	40	3200001
J-Y(St)Y 2x2x0.8 Red	21.0	6.1	54	3200004
J-Y(St)Y 4x2x0.8 Red	41.0	8.7	94	3200005
J-Y(St)Y 6x2x0.8 Red	62.0	10.1	135	3200006
J-Y(St)Y 10x2x0.8 Red	102.0	13.1	205	3200007
J-Y(St)Y 20x2x0.8 Red	204.0	15.6	352	3200008
J-Y(St)Y 30x2x0.8 Red	304.0	19.4	522	3200009
J-Y(St)Y 40x2x0.8 Red	405.0	20.9	663	3200010
J-Y(St)Y 50x2x0.8 Red	506.0	23.7	832	3200011
J-Y(St)Y 80x2x0.8 Red	807.0	28.8	1285	3200013
J-Y(St)Y 100x2x0.8 Red	1008.0	36.0	1780	3200012