



conductor material:	bare copper
conductor construction:	solid, class 1
insulation:	PVC TI1
stranding unit:	pair
stranding:	layers
screen over strand:	foil
drain wire:	yes
sheathing material:	PVC TM1
colour of outer sheath:	red
flame retardant:	VDE 0482-332-1-2/IEC 60332-1
max. operating temperature, fixed:	-30 - +70 °C
temperature, moved/during installation:	-5 - +50 °C
bending radius, fixed installation:	7,5 x DA
insulation resistance:	100 MOhm x km
core identification:	colours acc. VDE 0815
operating capacity:	100 nF/km
nominal voltage U:	300 V
test voltage:	800 V

Application: For connection of telecommunication units inside of buildings in dry and wet rooms, also outdoors if the cable is protected against direct sun irradiation. The special imprint identifies the cable as fire signalisation cable.

Stranding: cores twisted into pairs (2-pairs cable stranded as star-quad), pairs stranded in layers

Core identification:

two-pair cable: red, black, white, yellow

More than two-pairs are in continuous sequence: white-blue, white-yellow, white-green, white-brown, white-black

In the 1st pair of each layer there is one red core red in place of the white one.



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

table: technical data Fire signalisation cable

Art.-Nr.	part-name	DI [mm]	DA [mm]	CU	G [kg/km]
100056	BMK 02X2X0,8 RT	0,8	7	21	55
100057	BMK 04X2X0,8 RT	0,8	9	41	95
100058	BMK 06X2X0,8 RT	0,8	10,5	62	130
100059	BMK 10X2X0,8 RT	0,8	13	102	205
100060	BMK 20X2X0,8 RT	0,8	16,5	204	380
100145	BMK 30X2X0,8 RT	0,8	20	304	570
100146	BMK 40X2X0,8 RT	0,8	22	405	710
100147	BMK 50X2X0,8 RT	0,8	25,5	506	875
100148	BMK 80X2X0,8 RT	0,8	31	807	1440
100144	BMK 100X2X0,8 RT	0,8	32	1008	1780