



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:	7,6 x DA
insulation resistance:	100 MOhm \times km
operating capacity:	100 nF/km
nominal voltage U:	300 V
core identification:	colours acc. VDE 0815

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.

Additional information: 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 1-st pair of each layer there is one red core 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 characteristics Fire signalisation cable

p/n	part name	D _A [mm]	G [kg]	Cu [kg/km]	p/n	part name	D _A [mm]	G [kg]	Cu [kg/km]
100947	Brandmeldekabel 01X2X0,8 RT	5,5	38	11	100060	Brandmeldekabel 20X2X0,8 RT	16,5	380	204
100056	Brandmeldekabel 02X2X0,8 RT	7	55	21	100145	Brandmeldekabel 30X2X0,8 RT	20	570	304
100057	Brandmeldekabel 04X2X0,8 RT	9	95	41	100146	Brandmeldekabel 40X2X0,8 RT	22	710	405
100948	Brandmeldekabel 05X2X0,8 RT	9,4	114	52	100147	Brandmeldekabel 50X2X0,8 RT	25,5	875	506
100058	Brandmeldekabel 06X2X0,8 RT	10,5	130	62	100148	Brandmeldekabel 80X2X0,8 RT	31	1440	807
100059	Brandmeldekabel 10X2X0,8 RT	13	205	102	100144	Brandmeldekabel 100X2X0,8 RT	32	1780	1008

p/n	part name	D _A [mm]	G [kg]	Cu [kg/km]
100076	Brandmeldekabel 04X2X0,8 GR		100	41

DA	outer diameter
G	weight
Cu	copper

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