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Application Area

Fire alarm and telecommunication installation cable. It is used for analogue and digital signal transmission for control and fire alarm installations, security systems inside buildings in dry and humid rooms. Cable has halogen free and flame retardant compound and it is suitable for the areas where the safety requirements for cables are very high.

Cable Construction

Conductor	Solid Annealed Copper (IEC/EN 60228, VDE 0295, Class 1)
Insulation	HFFR (EN 50290-2-26)
Core Stranding	2 cores twisted to pairs and 4 pairs twisted to a unit
Wrapping	PETP foil
Screen	Al-PET Foil with Solid Tinned Copper Drain Wire
Outer Sheath	HFFR (EN 50290-2-27)
Colours	Outer Sheath: Red and other colours on request Core Colours: Coloured acc. to VDE 0815

Technical Characteristics

Operating Voltage	300 V
Test Voltage	800 V
Temperature Range	Fixed: -30 °C+70 °C
Flame Retardancy	IEC/EN 60332-1
Smoke Density	IEC 61034-1&2
Halogen Free	DIN VDE 0482-754-1 / DIN EN 60754-1 / IEC 60754-1"
Min. Bending Radius	Fixed: 8 x Cable Diameter

No. of cores x cross section n x mm ²	Outer-ø ± 5% mm	Cable weight = kg/km
1x2x0,6	4,4	32,00
2x2x0,6	4,9	44,00
3x2x0,6	6,3	62,00
4x2x0,6	6,8	77,00
5x2x0,6	7,5	98,00
6x2x0,6	8,1	115,00
10x2x0,6	9,9	174,00
16x2x0,6	11,7	247,00
20x2x0,6	13	320,00
24x2x0,6	14	360,00
30x2x0,6	15,5	440,00
1x2x0,8	5,2	42,00
2x2x0,8	5,9	55,00
3x2x0,8	7,9	82,00
4x2x0,8	8,6	102,00
5x2x0,8	9,3	124,00
6x2x0,8	10,3	155,00
10x2x0,8	12,6	227,00
16x2x0,8	15,1	327,00
20x2x0,8	16,7	412,00
24x2x0,8	18,2	473,00
30x2x0,8	19,9	560,00