

J-H(St)H Bd



Application

The halogen-free installation cables with improved characteristics in the case of fire are used for the telephone transmission, measurement and control technology. The static screen protects the transmission circuits against outer electrical interferences. A fire propagation is prevented through high oxygen index of the insulation material and produce no corrosive gases in case of fire. Those cables are preferably used for telecommunication indoor installations and in special cases the outdoor installation is permitted under protection against sunlight. These cables are suitable for fixed installation in areas with danger of fire, in dry and damp environments as well as on, in and under plaster.

Standards

acc. to DIN VDE 0815,
EN 50575 ; EN 60332-1-2 ; EN 60332-3 ; IEC 60754-2

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

Construction

Inner Conductor	bare copper, solid 0,6 mm / 0,8 mm
Core Insulation	halogen-free compound type HI2
Core Color	acc. to DIN VDE 0815
Stranding Elements	the cores to quads and the quads are stranded to units, core wrapping with plastic tape
Inner Sheath Material	Kunststoffolie
Overall Shielding	plastic coated alu-foil with drain wire
Outer Insulation Material	halogen-free, flame retardant type HM2 to DIN VDE 0207 part 24

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Technical Data

Nominal Voltage	U_0/U : 0 /300 V
Nominal Volatage DC	U_0/U : 0 /0
Test Voltage	800 V
Bending Radius moved (xD)	8
Bending Radius fixed (xD)	8
Operating Temperature solid	-30 °C bis 70 °C
Operating Temperature moving	-5 °C bis 50 °C
Fire Classes	B2Ca, Cca, Dca

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Prod. Nr. Prod. Nr.	Dimensions Dimensions	Color Color	Weight (kg/km) Weight (kg/km)	Outer-Diameter (mm) Outer-Diameter (mm)
01905001	2x2 x 0,6	šedá - grey	42.0	5.2
01905014	2x2 x 0,8	šedá - grey	60.0	6.7
01905002	4x2 x 0,6	šedá - grey	69.0	7.5
01905036	4x2 x 0,8	šedá - grey	100.0	9.1
01905028	5x2 x 0,8	šedá - grey	120.0	9.5
01905003	6x2 x 0,6	šedá - grey	86.0	8.0
01905016	6x2 x 0,8	šedá - grey	145.0	10.0
01905031	8x2 x 0,8	šedá - grey	160.0	11.5
01905035	10x2 x 0,8	šedá - grey	180.0	11.2
01905018	16x2 x 0,8	šedá - grey	340.0	14.0
01905007	20x2 x 0,6	šedá - grey	237.0	13.0
01905019	20x2 x 0,8	šedá - grey	370.0	16.0
01905008	30x2 x 0,6	šedá - grey	324.0	15.1
01905021	30x2 x 0,8	šedá - grey	525.0	17.8
01905009	40x2 x 0,6	šedá - grey	410.0	17.0
01905022	40x2 x 0,8	šedá - grey	670.0	19.5
01905010	50x2 x 0,6	šedá - grey	515.0	18.6
01905023	50x2 x 0,8	šedá - grey	810.0	21.4
01905011	60x2 x 0,6	šedá - grey	600.0	20.2
01905024	60x2 x 0,8	šedá - grey	975.0	23.2
01905012	80x2 x 0,6	šedá - grey	800.0	24.6
01905025	80x2 x 0,8	šedá - grey	1,325.0	30.0
01905013	100x2 x 0,6	šedá - grey	990.0	27.0
01905026	100x2 x 0,8	šedá - grey	1,600.0	32.0