

Instrumentation cable

RD-H(St)H ... Bd



Application: In measuring and control circuits of industrial installations for transfer of analogue and digital data up to 10 kHz. For fixed installation inside buildings.

Construction and technical data:

CPR-classification according to EN 50575:	Eca
Standard:	VDE 0815 (with ref. to)
Conductor material:	copper, bare
Conductor construction:	class 2, 7-wired construction
Insulation:	FRNC-compound
Screen:	plastic coated Al-foil + copper drain wire, tinned
Sheathing material:	FRNC-compound HM1
Colour of outer sheath:	grey
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Halogen-free:	yes
Permitted outer cable temperature, fixed, °C:	-30 - +70 °C
Permitted outer cable temperature, moved, °C:	-5 - +70 °C
Bending radius, fixed installation:	8 x Ø
Insulation resistance:	100 MOhm _x km



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.

Stranding	Cores into pairs (2-pair as a star-quad), 4 pairs into a bunch, bunches in layers Identification of bunches by numbered helix.
Core identification	blue, red; grey, yellow; green, brown; white, black

Maximum operating capacity: 144 nF/km

Test voltage: 2 kV

peak operating voltage, V: 600 V

part no.	part name	Ø [mm]	Cu	G [kg]
101262	01X2X0.5	5.5	15	35
100976	02X2X0.5	7	25	65
100977	04X2X0.5	9	46	110
100978	08X2X0.5	12.5	86	138
100979	12X2X0.5	13.5	127	265
100980	16X2X0.5	14	167	335
100981	24X2X0.5	17.5	250	450
101142	32X2X0.5	21	331	570
102105	40X2X0.5	23	412	680
101038	48X2X0.5	24	494	790
101283	96X2X0.5	33.5	986	1480
101134	02X2X1	7.6	51	130
101083	04X2X1	9	91	180
101135	08X2X1	15.2	172	380
101136	12X2X1	17.5	255	435
101146	16X2X1	19.5	338	560
101137	20X2X1	21	423	680
101295	24X2X1	23	507	805
101143	32X2X1	29	674	1080

Ø | outer diameter approx.

Cu | Copper weight (GER)

G | net weight per 1000