

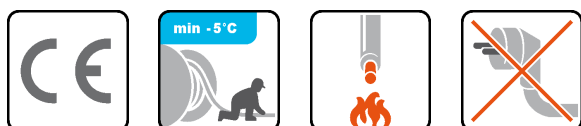


<b>conductor material:</b>	bare copper
<b>conductor construction:</b>	cl.2, 7-wired construction
<b>insulation:</b>	PVC
<b>screen over strand:</b>	foil
<b>drain wire:</b>	yes
<b>sheathing material:</b>	PVC
<b>colour of outer sheath:</b>	grey
<b>flame retardant:</b>	VDE 0482-332-1-2/IEC 60332-1
<b>max. operating temperature, fixed:</b>	-5 - + 50 °C
<b>bending radius, fixed installation:</b>	7,5 x DA
<b>maxi-termi-point termination:</b>	yes
<b>impedance:</b>	130 Ohm
<b>insulation resistance:</b>	100 MOhm $\times$ km
<b>specific inductivity:</b>	0,7 mH/km
<b>coupling K1:</b>	200 pF
<b>operating capacity:</b>	120 nF/km
<b>nominal voltage U:</b>	600 V
<b>test voltage:</b>	2000 V

**Application:** In measuring and controlcircuits of industrial installations for transfer of analog and digital data up to 10 kHz. For fixed installation inside of buildings The version with blue outer sheath is suitable for application in intrinsical-safe circuits.

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;



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 RD-Y(St)Y**

Art.-Nr.	part-name	RI [ $\Omega$ /km]	l <sub>bl</sub> [A]	DA [mm]	CU	G [kg/km]
100928	RD-Y(St)Y Bd 01X2X0,5 GR	39,2	5	5,5	15	35
100929	RD-Y(St)Y Bd 01X2X0,5 BL	39,2	5	5,5	15	35
100443	RD-Y(St)Y Bd 02X2X0,5 GR	39,2	5	6,1	25	60
100602	RD-Y(St)Y Bd 02X2X0,5 BL	39,2	5	6,1	25	60
100445	RD-Y(St)Y Bd 04X2X0,5 GR	39,2	5	8,1	45	95
100580	RD-Y(St)Y Bd 04X2X0,5 BL	39,2	5	8,1	45	95
100446	RD-Y(St)Y Bd 08X2X0,5 GR	39,2	5	11,5	85	157
100501	RD-Y(St)Y Bd 08X2X0,5 BL	39,2	5	11,5	85	157
100447	RD-Y(St)Y Bd 12X2X0,5 GR	39,2	5	13,1	125	229
100958	RD-Y(St)Y Bd 12X2X0,5 BL	39,2	5	13,1	125	229
100448	RD-Y(St)Y Bd 16X2X0,5 GR	39,2	5	13,7	165	290
100723	RD-Y(St)Y Bd 16X2X0,5 BL	39,2	5	13,7	165	290
100394	RD-Y(St)Y Bd 24X2X0,5 GR	39,2	5	16,3	245	422

table: technical data RD-Y(St)Y

Art.- Nr.	part-name	RI [Ω/km]	Ibl [A]	DA [mm]	CU	G [kg/km]
100581	RD-Y(St)Y Bd 24X2X0,5 BL	39,2	5	16,3	245	422
100449	RD-Y(St)Y Bd 32X2X0,5 GR	39,2	5	21,1	325	535
100502	RD-Y(St)Y Bd 32X2X0,5 BL	39,2	5	21,1	325	535
100450	RD-Y(St)Y Bd 48X2X0,5 GR	39,2	5	23,1	485	796
100724	RD-Y(St)Y Bd 48X2X0,5 BL	39,2	5	23,1	485	796
100395	RD-Y(St)Y Bd 96X2X0,5 GR	39,2	5	30,5	965	1410
100970	RD-Y(St)Y Bd 02X2X1 GR	18,4	10	7,6	51	130
100971	RD-Y(St)Y Bd 02X2X1 BL	18,4	10	7,6	51	130
100972	RD-Y(St)Y Bd 04X2X1 GR	18,4	10	10,4	91	198
100973	RD-Y(St)Y Bd 04X2X1 BL	18,4	10	10,4	91	198
100974	RD-Y(St)Y Bd 08X2X1 GR	18,4	10	15,2	172	341
100975	RD-Y(St)Y Bd 08X2X1 BL	18,4	10	15,2	172	341
101210	RD-Y(St)Y Bd 12X2X1 GR	18,4	10	16,1	252	462
100444	RD-Y(St)Y Bd 16X2X1 GR	18,4	10	18,2	332	670
100962	RD-Y(St)Y Bd 16X2X1 BL	18,4	10	18,2	332	670
101251	RD-Y(St)Y Bd 24X2X1 GR	18,4	10	21,9	493	891
101252	RD-Y(St)Y Bd 24X2X1 BL	18,4	10	21,9	493	891

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