



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

p/n	part name	Rl [Ω /km]	lbl [A]	DA [mm]	CU	G [kg/km]
100928	RD-Y(St)Y Bd 01X2X0,5 GR	39,2	5	0	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	6,5	25	65
100602	RD-Y(St)Y Bd 02X2X0,5 BL	39,2	5	6,5	25	55
100445	RD-Y(St)Y Bd 04X2X0,5 GR	39,2	5	9,1	45	110
100580	RD-Y(St)Y Bd 04X2X0,5 BL	39,2	5	9,1	45	110
100446	RD-Y(St)Y Bd 08X2X0,5 GR	39,2	5	11,5	85	190
100501	RD-Y(St)Y Bd 08X2X0,5 BL	39,2	5	11,5	85	190
100447	RD-Y(St)Y Bd 12X2X0,5 GR	39,2	5	13,5	125	290
100958	RD-Y(St)Y Bd 12X2X0,5 BL	39,2	5	13,5	125	290
100448	RD-Y(St)Y Bd 16X2X0,5 GR	39,2	5	15,5	165	370
100723	RD-Y(St)Y Bd 16X2X0,5 BL	39,2	5	15,5	165	370
100394	RD-Y(St)Y Bd 24X2X0,5 GR	39,2	5	17,8	245	480
100581	RD-Y(St)Y Bd 24X2X0,5 BL	39,2	5	17,8	245	480

table: technical data RD-Y(St)Y

p/n	part name	Rl [Ω/km]	Ibl [A]	DA [mm]	CU	G [kg/km]
100449	RD-Y(St)Y Bd 32X2X0,5 GR	39,2	5	21,1	325	700
100502	RD-Y(St)Y Bd 32X2X0,5 BL	39,2	5	21,1	325	700
100450	RD-Y(St)Y Bd 48X2X0,5 GR	39,2	5	25,5	485	1000
100724	RD-Y(St)Y Bd 48X2X0,5 BL	39,2	5	25,5	485	1000
100395	RD-Y(St)Y Bd 96X2X0,5 GR	39,2	5	33,5	965	1617
100444	RD-Y(St)Y Bd 16X2X1 GR	18,4		18,2	332	700
100962	RD-Y(St)Y Bd 16X2X1 BL	18,4		18,2	332	700
100970	RD-Y(St)Y Bd 02X2X1 GR	18,4		7,6	51	130
100971	RD-Y(St)Y Bd 02X2X1 BL	18,4		7,6	51	130
100972	RD-Y(St)Y Bd 04X2X1 GR	18,4		10,4	91	220
100973	RD-Y(St)Y Bd 04X2X1 BL	18,4		10,4	91	220
100974	RD-Y(St)Y Bd 08X2X1 GR	18,4		15,2	172	380
100975	RD-Y(St)Y Bd 08X2X1 BL	18,4		15,2	172	380

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