Cable for industrial electronics
JE-Y(St)Y

DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

Application: For signal transmission between electronic devices, in computer systems, process control units office equipment. For installation in dry and wet rooms.

Construction and technical data:

CPR-classification according to EN 50575:	Eca
Standard:	VDE 0815
Conductor material:	copper, bare
Conductor construction:	solid
Insulation:	PVC YI3
Core wrapping:	plastic foil
Screen:	plastic coated aluminium foil + solid copper drain wire
Sheathing material:	PVC YM1
Colour of outer sheath:	grey RAL 7032, alternatively blue RAL 5015
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Permitted outer cable temperature, fixed, °C:	-30 - +70 °C
Bending radius, fixed installation:	7.5 x Ø
Specific inductivity:	0.7 mH/km
Coupling K1:	200 pF

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 twisted into pairs
	- 4 pairs layed up into sub-units (2-pairs cable stranded as one star-quad)
	- sub-units layed up in layers
Core identification:	The basic colour of each bunch are continuous sequence: blue, red, grey, yellow, green, brown, white, black.
	The bundles are identified by the colour of the rings on the insulating core.

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Loop resistance: 73.2 Ohm/km

Maximum operating capacity: 100 nF/km

Test voltage: 0.5 kV

Core identification: colours + rings

peak operating voltage, V: 225 V

part no.	part name	Dl [mm]	Ø [mm]	Cu	G [kg]
101299	01X2X0.8 GY	0.8	5.2	15	41
100106	02X2X0.8 GY	0.8	7	25	60
100107	04X2X0.8 GY	0.8	9	45	96
100108	08X2X0.8 GY	0.8	11.5	85	158
100109	12X2X0.8 GY	0.8	14	126	235
100110	16X2X0.8 GY	0.8	15.5	166	295
100111	20X2X0.8 GY	0.8	16.5	206	355
100112	24X2X0.8 GY	0.8	19	246	430
100113	32X2X0.8 GY	0.8	21	327	555
100114	40X2X0.8 GY	0.8	22.5	407	670
100115	48X2X0.8 GY	0.8	26.6	488	740
100116	80X2X0.8 GY	0.8	31	809	1290
100117	100X2X0.8 GY	0.8	32	1015	1495
101300	01X2X0.8 BU	0.8	5.2	15	41
100484	02X2X0.8 BU	0.8	7	25	60
100496	04X2X0.8 BU	0.8	9	45	96
100481	08X2X0.8 BU	0.8	11.5	85	158
101055	12X2X0.8 BU	0.8	14	126	235
100482	16X2X0.8 BU	0.8	15.5	166	295
100483	20X2X0.8 BU	0.8	16.5	206	355
101275	24X2X0.8 BU	0.8	19	246	430
100850	32X2X0.8 BU	0.8	20	327	538
100711	02X2X1 BU	1	7.5	36	76
100712	04X2X1 BU	1	10	67	127
100713	08X2X1 BU	1	12	129	216
100714	16X2X1 BU	1	16.9	253	410
101683	48X2X0.8 BU	0.8	26.6	488	740

Dl	diameter conductor
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000