



JE-LiYCY Bd

CE

conductor material:	stranded bare Cu conductor, 7 wires, 7x0,3mm \approx 0.5qmm
insulation:	special PVC
cores:	core identification to DIN 0815, cores twisted in pairs, 4 pairs forming a bunch; bunches twisted in layers to a core assembly. In the case of two-paired cables 4 cores are twisted to form a star quad cable.
lapping:	lapped with plastic film
screening:	copper braided screen
outer sheath:	special PVC
sheath colour:	blue RAL 5015
peak operating voltage:	225 V (not approved for use as mains power cable)
test voltage/RMS (50Hz):	500 V = core/core 2000 V = core/screen
conductor (loop) resistance at +20°C:	max. 78.4 Ohm/km
insulation resistance:	\geq 100 MOhm x km
mutual capacitance at 800 Hz:	max. 100 nF/km (This value may be exceeded by up to 20% for cables consisting of up to 4 pairs)
attenuation at 800 Hz:	approx. 0.11 dB/100 m
bending radius:	10 x cable diameter
temperature range:	-5 to +50°C flexible -30 to +70°C stationary
flame retardant:	to IEC 60332-1
application:	This cable is designed for the transmission of signals and measuring values in balanced circuits. Applications include control and measuring technology, power electronics and information processing, for example in connection with process computers. Also suitable for use as connecting cable for telephone systems as well as paging and intercom systems. Designed for stationary installation, but also suitable for flexible applications. Installation in dry and damp environments indoors.

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.

JE-LiYCY EB

*Installation cable with overall copper braided screening for
intrinsically safe equipment to VDE 0815*

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM ²	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1301205BL	JE-LiYCY EB 1x2x0,5	6,0	35,0	45
1302205BL	JE-LiYCY EB 2x2x0,5	8,0	51,0	95
1304205BL	JE-LiYCY EB 4x2x0,5	10,0	87,0	155
1308205BL	JE-LiYCY EB 8x2x0,5	13,5	144,0	260
1312205BL	JE-LiYCY EB 12x2x0,5	15,5	196,0	345
1316205BL	JE-LiYCY EB 16x2x0,5	17,5	249,0	430
1320205BL	JE-LiYCY EB 20x2x0,5	20,0	299,0	525
1324205BL	JE-LiYCY EB 24x2x0,5	21,0	348,0	605
1332205BL	JE-LiYCY EB 32x2x0,5	23,0	444,0	755
1340205BL	JE-LiYCY EB 40x2x0,5	25,5	537,0	925