



<b>conductor material:</b>	stranded bare Cu conductor, fine wire
<b>strand structure:</b>	strand structure to VDE 0295, class 5/ IEC 60228 class 5
<b>insulation:</b>	polyethylene (PE)
<b>cores:</b>	black, brown, grey and green-yellow protective conductor; cores twisted in layers, with optimal lay lengths
<b>screening:</b>	aluminium foil screening, 100% and tinned copper braided screening
<b>outer sheath:</b>	special PVC, flame retardant
<b>sheath colour:</b>	transparent

<b>rated voltage Uo/U:</b>	600/1000 V
<b>AC test voltage:</b>	2500 V
<b>AC crest voltage:</b>	$\hat{U}$ 1700V
<b>low mutual capacitance:</b>	test to DIN
<b>temperature range:</b>	-5 to +70°C flexible -40 to +70°C stationary
<b>flame retardant:</b>	to IEC 60332-1

**application:** EMC motor power supply cable with overall foil and copper screening used for the connection of a frequency converter with a frequency converter controlled motor. Employed in connection with machine tools, handling gear, machining and processing equipment, assembly and production lines, etc. when exposed to mean mechanical strain. Stationary installation and occasional free movement without exposure to tensile load and without forced movement control. Installation in dry, damp and wet environments indoors.

**Bending radius for the following outer cable diameters**

installation	< 12 mm	12-20 mm	over 20 mm
flexible	approx. 10 x D	approx. 15 x D	approx. 20 x D
stationary	approx. 5 x D	approx. 7,5 x D	approx. 10 x D

*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.*

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM <sup>2</sup>	current carrying capacity A	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1804150M	2YSLCY-JB 4 x 1,5	18	10,6	95	212
1804250M	2YSLCY-JB 4 x 2,5	26	12,3	150	270
1804400M	2YSLCY-JB 4 x 4,0	34	14,6	235	362
1804600M	2YSLCY-JB 4 x 6,0	44	16,5	320	582
1841000M	2YSLCY-JB 4 x 10	61	20,0	533	794
1841600M	2YSLCY-JB 4 x 16	82	23,5	789	1188
1842500M	2YSLCY-JB 4 x 25	108	27,0	1236	1713
1843500M	2YSLCY-JB 4 x 35	135	33,0	1662	2402
1845000M	2YSLCY-JB 4 x 50	168	36,5	2345	2718
1847000M	2YSLCY-JB 4 x 70	207	42,5	3196	3636
1849500M	2YSLCY-JB 4 x 95	250	48,0	4316	4700
1841200M	2YSLCY-JB 4 x 120	292	52,0	5428	5699
1841500M	2YSLCY-JB 4 x 150	335	58,0	6394	7043
1841850M	2YSLCY-JB 4 x 185	385	62,0	7639	8384
1842400M	2YSLCY-JB 4 x 240	453	70,0	11059	12165
1843000M	2YSLCY-JB 4 x 300	523	78,0	13485	15508