KENEX
SPEZIALKABEL / SPEZIALLEITUNGEN

2YSLCYK-JB
(2YSL(St)CYv-JB)
4 cores transparent

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

rated voltage Uo/U:	600/1000 V
AC test voltage:	2500 V
AC crest voltage:	Û 1700V
low mutual capacitance:	test to DIN
temperature range:	-5 to +70°C flexible -40 to +70°C stationary
flame retardant:	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. Not permitted to be used outdoors.

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.

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KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM²	Ampere Free in Air 30°C	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1804150M	4 G 1,5	18	10,4	95	154
1804250M	4 G 2,5	26	12,3	150	229
1804400M	4 G 4	34	14,5	235	339
1804600M	4 G 6	44	16,8	320	451
1841000M	4 G 10	61	19,7	533	667
1841600M	4 G 16	82	22,0	789	892
1842500M	4 G 25	108	27,0	1236	1440
1843500M	4 G 35	135	30,3	1663	1861
1845000M	4 G 50	168	35,0	2345	2547
1847000M	4 G 70	207	39,4	3196	3404
1849500M	4 G 95	250	46,0	4316	4888
1841200M	4 G 120	292	51,4	5435	5703
1841500M	4 G 150	335	58,8	6394	7040
1841850M	4 G 185	382	61,1	8203	9150
1842400M	4 G 240	453	70,0	11008	12500
1843000M	4 G 300	523	61,1	13485	15508