



conductor material:	bare copper, extra fine wire conductors, to VDE 0295 cl.6
insulation:	special PVC TI2, to DIN VDE 281 part 1
core identification:	cores colour coded to DIN 47100
stranding:	in layers with optimal selected lay-length
screen:	copper braided tinned
screen coverage:	approx. 85%
sheathing material:	special PVC TM2, to DIN VDE 0281 part 1
sheathing colour:	grey RAL 7001
marking:	with meter marking
nominal voltage:	350 V
test voltage:	1500 V
breakdown voltage:	min. 3000 V
temperature range, moved:	-5 up to +70°C
temperature range, fixed:	-40 up to 70°C (short time +105°C)
insulation resistance:	min. 20 Mohm x km
min. bending radius, moved:	7,5 x D
min. bending radius, fixed:	4 x D
radiation resistance:	up to 80x10 ⁶ cJ/kg (up to 80Mrad)
coupling resistance:	max. 250 Ohm/km

application: The ideal cable for use in cable trays. This high flexible cable is ideal for all areas requiring a high and fast flexing cable including the machine industries, robotics and all areas of highly mobile machine parts. The long working life offers a secure performance as well as economy. To optimise the EMC features we recommend a large round contact of the copper braiding on both ends.

resistance / features:

<ul style="list-style-type: none"> - extensively oil resistant - adhesion-free - PVC self-extinguishing and flame retardant acc. to VDE 0482-332-1-2, DIN EN 60332-1-2/IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B) 	<ul style="list-style-type: none"> - the materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers
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*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 ²	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
0902014A	KENFLEX 100C DIN 47100 2 x 0,14	4,0	11,2	33
0903014A	KENFLEX 100C DIN 47100 3 x 0,14	4,2	14,1	36
0904014A	KENFLEX 100C DIN 47100 4 x 0,14	4,4	15,5	41
0905014A	KENFLEX 100C DIN 47100 5 x 0,14	4,7	18,3	46
0907014A	KENFLEX 100C DIN 47100 7 x 0,14	5,3	27,6	70
0910014A	KENFLEX 100C DIN 47100 10 x 0,14	6,7	39,3	88
0912014A	KENFLEX 100C DIN 47100 12 x 0,14	6,8	41,1	97
0914014A	KENFLEX 100C DIN 47100 14 x 0,14	7,1	45,3	105
0918014A	KENFLEX 100C DIN 47100 18 x 0,14	7,7	54,1	122
0924014A	KENFLEX 100C DIN 47100 24 x 0,14	9,0	66,3	156
0925014A	KENFLEX 100C DIN 47100 25 x 0,14	9,1	68,4	162
0902025A	KENFLEX 100C DIN 47100 2 x 0,25	4,7	14,9	39
0903025A	KENFLEX 100C DIN 47100 3 x 0,25	4,9	18,8	45
0904025A	KENFLEX 100C DIN 47100 4 x 0,25	5,2	21,3	52
0905025A	KENFLEX 100C DIN 47100 5 x 0,25	5,6	31,0	70
0907025A	KENFLEX 100C DIN 47100 7 x 0,25	6,7	39,6	88
0910025A	KENFLEX 100C DIN 47100 10 x 0,25	7,8	53,9	114
0912025A	KENFLEX 100C DIN 47100 12 x 0,25	8,1	59,1	128
0914025A	KENFLEX 100C DIN 47100 14 x 0,25	8,5	64,2	140
0918025A	KENFLEX 100C DIN 47100 18 x 0,25	9,5	78,4	166
0924025A	KENFLEX 100C DIN 47100 24 x 0,25	11,0	89,9	210
0925025A	KENFLEX 100C DIN 47100 25 x 0,25	11,1	101	220
0902034A	KENFLEX 100C DIN 47100 2 x 0,34	5,2	16,1	46
0903034A	KENFLEX 100C DIN 47100 3 x 0,34	5,4	28,7	62
0904034A	KENFLEX 100C DIN 47100 4 x 0,34	5,8	35,7	80
0905034A	KENFLEX 100C DIN 47100 5 x 0,34	6,7	39,1	88
0907034A	KENFLEX 100C DIN 47100 7 x 0,34	7,6	52,7	116
0910034A	KENFLEX 100C DIN 47100 10 x 0,34	9,0	67,4	156
0912034A	KENFLEX 100C DIN 47100 12 x 0,34	9,1	76,4	167
0914034A	KENFLEX 100C DIN 47100 14 x 0,34	9,6	85,3	195
0918034A	KENFLEX 100C DIN 47100 18 x 0,34	10,7	99,7	225
0924034A	KENFLEX 100C DIN 47100 24 x 0,34	12,6	147,1	312
0925034A	KENFLEX 100C DIN 47100 25 x 0,34	12,8	155	325