

specification/standard:	UL/CSA
conductor material:	bare copper
conductor construction:	fine stranded class 6
insulation:	TPE
screen:	Cu-braid- tinned
screen coverage:	85%
sheathing material:	polyurethane
colour of the sheath:	orange RAL 2003
flame retardant:	VDE 0482-332-1-2/IEC 60332-1
halogen free:	DIN EN 50267/IEC 60754
oil resistant:	EN 60811-2-1
max. operating temperature, fixed:	-50 up to +80°C
temperature, moved:	-40 up to +80°C
bending radius, fixed:	4 x D
bending radius, moved:	7,5 x D
bending cycles, max.:	5 Mio.
moving distance, max.:	100m
nominal voltage U0:	600 V
nominal voltage U:	1000 V
test voltage:	4 kV

application: Highly-flexible data cable for continuous mobile use under extreme conditions with particular requirements on EMC. It is applicable in standard drag chains without tensile load. The cable is flame retardant, and largely resistant against most chemicals used in industrial environment.

*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
00501600SC	KENFLEX SC 12YC11Y 1 x 6	7,6	79,0	123,0
00511000SC	KENFLEX SC 12YC11Y 1 x 10	8,5	127,6	177,0
00511600SC	KENFLEX SC 12YC11Y 1 x 16	9,9	186,2	241,0
00512500SC	KENFLEX SC 12YC11Y 1 x 25	11,4	258,0	354,0
00513500SC	KENFLEX SC 12YC11Y 1 x 35	13,9	400,7	488,0
00515000SC	KENFLEX SC 12YC11Y 1 x 50	14,9	554,8	629,0
00517000SC	KENFLEX SC 12YC11Y 1 x 70	17,2	775,6	863,0
00519500SC	KENFLEX SC 12YC11Y 1 x 95	19,3	1029,0	1193,0
00511200SC	KENFLEX SC 12YC11Y 1 x 120	21,4	1283,0	1452,0
00511500SC	KENFLEX SC 12YC11Y 1 x 150	23,4	1570,0	1780,0
00511850SC	KENFLEX SC 12YC11Y 1 x 185	27,0	1935,0	2152,0