



specification/standard:	UL/CSA
conductor material:	bare copper
conductor construction:	fine stranded class 6
insulation:	polypropylene
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:	5 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
core identification:	acc. to Siemens specification

application: Low capacity connection cable between servo controller and frequency driven motor. For application in machine tools and drag chains with medium mechanical stress. Siemens part numbers (6FX...) are registered trade marks of Siemens AG and used only as reference.



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
OSIEM40150	KENFLEX SERVO-CP Siemens [4 G 1,5]	iFX8008-1BB1	9,0	90	159,0
OSIEM40250	KENFLEX SERVO-CP Siemens [4 G 2,5]	iFX8008-1BB2	10,6	135	235,0
OSIEM40400	KENFLEX SERVO-CP Siemens [4 G 4]	iFX8008-1BB3	11,9	206	323,0
OSIEM40600	KENFLEX SERVO-CP Siemens [4 G 6]	iFX8008-1BB4	14,7	315	464,0
OSIEM41000	KENFLEX SERVO-CP Siemens [4 G 10]	iFX8008-1BB5	17,5	488	672,0
OSIEM41600	KENFLEX SERVO-CP Siemens [4 G 16]	iFX8008-1BB6	21,6	769	1089,0
OSIEM42500	KENFLEX SERVO-CP Siemens [4 G 25]	iFX8008-1BB2	25,4	1100	1523,0
OSIEM43500	KENFLEX SERVO-CP Siemens [4 G 35]	iFX8008-1BB3	28,6	1510	2080,0
OSIEM45000	KENFLEX SERVO-CP Siemens [4 G 50]	iFX8008-1BB5	33,4	2130	2710,0
OSIEM47000	KENFLEX SERVO-CP Siemens [4 G 70]	iFX8008-1BB7	42,5	3025	4123,0
OSIEM415215	KENFLEX SERVO-CP Siemens [4 G 1,5 + (2x1,5)]	iFX8008-1BA1	11,6	164	244,0
OSIEM425215	KENFLEX SERVO-CP Siemens [4 G 2,5 + (2x1,5)]	iFX8008-1BA2	13,4	189	310,0
OSIEM440215	KENFLEX SERVO-CP Siemens [4 G 4,0 + (2x1,5)]	iFX8008-1BA3	14,8	261	408,0
OSIEM460215	KENFLEX SERVO-CP Siemens [4 G 6,0 + (2x1,5)]	iFX8008-1BA4	16,8	365	540,0
OSIEM410215	KENFLEX SERVO-CP Siemens [4 G 10 + (2x1,5)]	iFX8008-1BA5	19,9	560	782,0
OSIEM416215	KENFLEX SERVO-CP Siemens [4 G 16 + (2x1,5)]	iFX8008-1BA6	22,5	816	1101,0
OSIEM425215	KENFLEX SERVO-CP Siemens [4 G 25 + (2x1,5)]	iFX8008-1BA2	26,2	1172	1490,0
OSIEM435215	KENFLEX SERVO-CP Siemens [4 G 35 + (2x1,5)]	iFX8008-1BA3	29,8	1595	2015,0
OSIEM450215	KENFLEX SERVO-CP Siemens [4 G 50 + (2x1,5)]	iFX8008-1BA5	34,0	2214	2754,0