



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:	green RAL 6018
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 U:	300 V
test voltage:	1500 V
core identification:	acc. to Siemens specification
application:	Connection cable between encoder/resolver and servo controller. 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
OSIEM001	KENFLEX Feedback-CP Siemens [8x2x0,18]		6FX8008-1BD11	7,8	54	88,0
OSIEM002	KENFLEX Feedback-CP Siemens [4x2x0,38 + 4x0,5]		6FX8008-1BD21	8,9	83	123,0
OSIEM003	KENFLEX Feedback-CP Siemens [3x(2x0,14) + 2x(0,5)]		6FX8008-1BD31	9	74	109,0
OSIEM004	KENFLEX Feedback-CP Siemens [3x(2x0,14) + 4x0,14 + 2x0,5]		6FX8008-1BD41	8,9	66	106,0
OSIEM005	KENFLEX Feedback-CP Siemens [3x(2x0,14) + 4x0,14 + 2x0,5 + 4x0,25]		6FX8008-1BD51	9,5	86	136,0
OSIEM006	KENFLEX Feedback-CP Siemens [4x2x0,18]		6FX8008-1BD61	6,4	35	57,0
OSIEM007	KENFLEX Feedback-CP Siemens [2x2x0,18]		6FX8008-1BD71	5	24	40,0
OSIEM008	KENFLEX Feedback-CP Siemens [12x0,25]		6FX8008-1BD81	6,9	65	79,0