



conductor material:	stranded bare Cu conductor, fine wire
strand structure:	to VDE 0295 class 5/ IEC 60228 class 5 (exception 0.34 mm ² = stranded bare Cu conductor 7 x 0.25mm)
insulation:	PE insulation
cores:	core identification to DIN 47100, cores twisted in layers, with optimal lay lengths
lapping:	film lapping
screen:	braided screening made of tinned copper wire
outer sheath:	halogen-free and flame retardant
sheath colour:	grey RAL 7005
peak operating voltage:	300 V (not for use as mains power cable!)
test voltage:	1200 V
insulation resistance:	at +20°C ≥ 20 MOhm x km
bending radius:	15 x cable diameter
temperature range:	-5°C to +70°C flexing -40°C to +70°C fixed installation
capacitance:	<70 nF/km = core/core
halogen-free:	to IEC 60754-1 and IEC 60754-2
flame retardant:	to IEC 60332-1
special characteristics:	<ul style="list-style-type: none">- reduced fire propagation- low smoke emission- low fire load- no corrosive gas- environmentally friendly- favourable capacitance values
application:	Halogen-free, flame retardant, flexible data cable with copper screening to provide protection against electrical interference. Enhanced fire protection properties. Suitable for fixed installation or flexible applications. For unrestricted mobility without forced movement control and without exposure to tensile load. Used as connecting cable for signalling, measuring, control or intercom systems in dry and damp environments to meet stringent safety requirements. When used for outdoor applications, adequate protection against direct exposure to sunlight must be ensured and the specified temperature limits must be observed.

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
1102014H	Li2YCH-O 2 x 0,14	3,9	12,4	18
1103014H	Li2YCH-O 3 x 0,14	4,1	14,0	22
1104014H	Li2YCH-O 4 x 0,14	4,2	15,8	26
1105014H	Li2YCH-O 5 x 0,14	4,6	19,5	31
1107014H	Li2YCH-O 7 x 0,14	5,1	23,0	36
1110014H	Li2YCH-O 10 x 0,14	6,6	29,0	49
1112014H	Li2YCH-O 12 x 0,14	6,9	31,0	56
1114014H	Li2YCH-O 14 x 0,14	7,2	37,0	61
1116014H	Li2YCH-O 16 x 0,14	7,5	43,0	70
1118014H	Li2YCH-O 18 x 0,14	8,0	52,0	84
1121014H	Li2YCH-O 21 x 0,14	8,3	62,0	94
1125014H	Li2YCH-O 25 x 0,14	9,5	76,0	105
1130014H	Li2YCH-O 30 x 0,14	10,0	93,0	125
1134014H	Li2YCH-O 34 x 0,14	10,5	121,0	150
1140014H	Li2YCH-O 40 x 0,14	11,0	126,0	155
1102025H	Li2YCH-O 2 x 0,25	4,5	15,0	20
1103025H	Li2YCH-O 3 x 0,25	4,6	18,0	25
1104025H	Li2YCH-O 4 x 0,25	4,7	22,0	34
1105025H	Li2YCH-O 5 x 0,25	5,3	25,0	41
1107025H	Li2YCH-O 7 x 0,25	5,7	32,0	49
1110025H	Li2YCH-O 10 x 0,25	7,3	42,0	72
1112025H	Li2YCH-O 12 x 0,25	7,5	50,0	82
1114025H	Li2YCH-O 14 x 0,25	7,9	58,0	100
1116025H	Li2YCH-O 16 x 0,25	8,6	62,0	113
1118025H	Li2YCH-O 18 x 0,25	9,0	80,0	120
1121025H	Li2YCH-O 21 x 0,25	9,5	95,0	135
1125025H	Li2YCH-O 25 x 0,25	10,3	118,0	146
1130025H	Li2YCH-O 30 x 0,25	11,0	130,0	168
1134025H	Li2YCH-O 34 x 0,25	11,7	145,0	214
1140025H	Li2YCH-O 40 x 0,25	12,5	163,0	230
1102034H	Li2YCH-O 2 x 0,34	5,0	17	28
1103034H	Li2YCH-O 3 x 0,34	5,2	21	34
1104034H	Li2YCH-O 4 x 0,34	5,6	24	41
1105034H	Li2YCH-O 5 x 0,34	6,2	30	49
1107034H	Li2YCH-O 7 x 0,34	6,9	42	63
1110034H	Li2YCH-O 10 x 0,34	9,0	62	103
1112034H	Li2YCH-O 12 x 0,34	9,2	69	114
1114034H	Li2YCH-O 14 x 0,34	9,5	82	135
1116034H	Li2YCH-O 16 x 0,34	10,0	90	140
1118034H	Li2YCH-O 18 x 0,34	10,5	107,5	162
1121034H	Li2YCH-O 21 x 0,34	11,3	130	182
1125034H	Li2YCH-O 25 x 0,34	12,5	144	210
1130034H	Li2YCH-O 30 x 0,34	13,1	163	250
1134034H	Li2YCH-O 34 x 0,34	13,9	179	270
1140034H	Li2YCH-O 40 x 0,34	14,8	203	317

Li2YCH-O

halogen-free flexible data cable with overall copper braided screening, low capacitance; preferred EMC compatible cable type

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM ²	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1102050H	Li2YCH-O 2 x 0,50	5,2	29	32
1103050H	Li2YCH-O 3 x 0,50	5,5	35	41
1104050H	Li2YCH-O 4 x 0,50	6,2	39	49
1105050H	Li2YCH-O 5 x 0,50	7,0	57	60
1107050H	Li2YCH-O 7 x 0,50	7,4	72	76
1110050H	Li2YCH-O 10 x 0,50	9,4	95	121
1112050H	Li2YCH-O 12 x 0,50	9,8	105	140
1118050H	Li2YCH-O 18 x 0,50	11,1	142	190
1121050H	Li2YCH-O 21 x 0,50	12,2	171	230
1125050H	Li2YCH-O 25 x 0,50	13,5	187	262
1130050H	Li2YCH-O 30 x 0,50	14,6	225	313
1140050H	Li2YCH-O 40 x 0,50	16,5	295	396
1102075H	Li2YCH-O 2 x 0,75	5,9	35	40
1103075H	Li2YCH-O 3 x 0,75	6,3	46	58
1104075H	Li2YCH-O 4 x 0,75	7,2	58	72
1105075H	Li2YCH-O 5 x 0,75	7,6	70	90
1107075H	Li2YCH-O 7 x 0,75	8,5	94	115
1110075H	Li2YCH-O 10 x 0,75	10,6	131	160
1112075H	Li2YCH-O 12 x 0,75	11,2	140	180