



conductor material:	stranded bare Cu conductor, fine wire
strand structure:	strand structure to VDE 0295, class 5/ IEC 60228 class 5 (exception 0.34mm ² = stranded bare Cu conductor 7 x 0.25mm)
core insulation:	special PVC
cores:	core identification to DIN 47100, 2 cores twisted in pairs, each pair individually enclosed by a braided screen made of tinned copper wire, each pair individually insulated with a PVC jacket, pairs twisted in layers, with optimal lay lengths
lapping:	lapped with plastic film
screening:	braided screening made of tinned copper wires
outer sheath:	special PVC
sheath colour:	grey RAL 7032
peak operating voltage:	300 V (not approved for use as mains power cable!)
test voltage:	1200 V
bending radius:	15 x cable diameter
temperature range:	-5 to +70°C flexible -30 to +70°C stationary
flame retardant:	to IEC 60332-1
application:	Flexible connecting cable for electronic control pulse transmission in data transmission applications. The individual pairs of cores are screened to avoid mutual interference between different circuits. The additional PVC protection against accidental contact prevents interference by external earthing. The twisted pairs are provided with a tinned overall copper screening to avoid external interference. Suitable for stationary installation or flexible applications with unrestricted mobility, not constantly recurrent movements without forced movement control and without exposure to tensile load. Not allowed for outdoor use.

*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
1D022014	LiYCY-CY (TP) 02 x 2 x 0,14	7,3	31,0	95,0
1D032014	LiYCY-CY (TP) 03 x 2 x 0,14	7,5	34,0	105,0
1D042014	LiYCY-CY (TP) 04 x 2 x 0,14	9,3	45,0	140,0
1D052014	LiYCY-CY (TP) 05 x 2 x 0,14	10,5	58,0	160,0
1D062014	LiYCY-CY (TP) 06 x 2 x 0,14	11,0	67,0	185,0
1D072014	LiYCY-CY (TP) 07 x 2 x 0,14	11,0	78,0	230,0
1D082014	LiYCY-CY (TP) 08 x 2 x 0,14	13,0	97,0	245,0
1D092014	LiYCY-CY (TP) 09 x 2 x 0,14	14,1	101,0	280,0
1D102014	LiYCY-CY (TP) 10 x 2 x 0,14	14,0	108,0	325,0
1D122014	LiYCY-CY (TP) 12 x 2 x 0,14	15,0	134,0	380,0
1D162014	LiYCY-CY (TP) 16 x 2 x 0,14	17,0	179,0	440,0
1D202014	LiYCY-CY (TP) 20 x 2 x 0,14	17,8	225,0	520,0
1D022025	LiYCY-CY (TP) 02 x 2 x 0,25	9,5	62,0	125,0
1D032025	LiYCY-CY (TP) 03 x 2 x 0,25	10,0	78,2	140,0
1D042025	LiYCY-CY (TP) 04 x 2 x 0,25	12,0	124,1	205,0
1D052025	LiYCY-CY (TP) 05 x 2 x 0,25	12,1	137,6	230,0
1D062025	LiYCY-CY (TP) 06 x 2 x 0,25	13,0	148,1	275,0
1D072025	LiYCY-CY (TP) 07 x 2 x 0,25	16,0	159,1	295,0
1D082025	LiYCY-CY (TP) 08 x 2 x 0,25	17,0	178,7	330,0
1D102025	LiYCY-CY (TP) 10 x 2 x 0,25	17,2	213,9	420,0
1D122025	LiYCY-CY (TP) 12 x 2 x 0,25	17,5	238,3	465,0
1D162025	LiYCY-CY (TP) 16 x 2 x 0,25	22,0	291,4	590,0
1D202025	LiYCY-CY (TP) 20 x 2 x 0,25	22,6	325,0	620,0
1D242025	LiYCY-CY (TP) 24 x 2 x 0,25	27,5	367,5	690,0
1D322025	LiYCY-CY (TP) 32 x 2 x 0,25	29,8	588,0	785,0
1D482025	LiYCY-CY (TP) 48 x 2 x 0,25	34,5	840,5	970,0
1D022034	LiYCY-CY (TP) 02 x 2 x 0,34	10,1	73,1	139,0
1D032034	LiYCY-CY (TP) 03 x 2 x 0,34	11,0	88,1	157,0
1D042034	LiYCY-CY (TP) 04 x 2 x 0,34	12,4	137,2	213,0
1D062034	LiYCY-CY (TP) 06 x 2 x 0,34	14,5	174,8	308,0
1D082034	LiYCY-CY (TP) 08 x 2 x 0,34	17,6	247,2	385,0
1D102034	LiYCY-CY (TP) 10 x 2 x 0,34	17,6	288,7	433,0
1D122034	LiYCY-CY (TP) 12 x 2 x 0,34	18,5	321,0	495,0
1D142034	LiYCY-CY (TP) 14 x 2 x 0,34	20,7	388,4	600,0
1D162034	LiYCY-CY (TP) 16 x 2 x 0,34	22,5	425,5	637,0
1D242034	LiYCY-CY (TP) 24 x 2 x 0,34	28,0	577,1	781,0



LiYCY-CY (TP) DIN 47100
flexible, twisted-pair electronics cable with overall copper braided screening; 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
1D022050	LiYCY-CY (TP) 02 x 2 x 0,50	10,8	83,1	143,0
1D032050	LiYCY-CY (TP) 03 x 2 x 0,50	11,4	106,4	179,0
1D042050	LiYCY-CY (TP) 04 x 2 x 0,50	13,0	158,0	241,0
1D062050	LiYCY-CY (TP) 06 x 2 x 0,50	14,9	201,4	319,0
1D082050	LiYCY-CY (TP) 08 x 2 x 0,50	18,8	311,5	441,0
1D102050	LiYCY-CY (TP) 10 x 2 x 0,50	18,0	334,5	464,0
1D122050	LiYCY-CY (TP) 12 x 2 x 0,50	20,1	394,1	529,0
1D142050	LiYCY-CY (TP) 14 x 2 x 0,50	21,6	446,0	641,0
1D162050	LiYCY-CY (TP) 16 x 2 x 0,50	23,8	501,2	694,0
1D242050	LiYCY-CY (TP) 24 x 2 x 0,50	28,4	712,4	930,0
1D022075	LiYCY-CY (TP) 02 x 2 x 0,75	12,2	95,0	205,0
1D032075	LiYCY-CY (TP) 03 x 2 x 0,75	13,5	123,7	265,0
1D042075	LiYCY-CY (TP) 04 X 2 X 075	15,0	162,0	325,0
1D082075	LiYCY-CY (TP) 08 x 2 x 0,75	22,0	245,0	634,0