



SPEZIALKABEL / SPEZIALLEITUNGEN

LiYY-TP DIN 47100 *flexible data cable, adapted to DIN VDE 0812, 0814*



conductor material:	bare copper, fine wire conductors
strand structure:	to DIN VDE 0295 cl. 5 and IEC 60228 cl. 5
insulation:	special PVC
cores:	core identification to DIN 47100, cores stranded in pairs with optimal lay-length, pairs stranded in layers with optimal lay-length
wrapping:	core wrapping with foil
outer sheath:	special PVC, with meter marking
sheath colour:	grey RAL 7032
nominal voltage:	350 V (not for heavy current installation purposes)
test voltage:	1200 V
breakdown voltage:	min. 2400 V
insulation resistance:	min. 20 MOhm x km
capacitance approx. at 800Hz:	120pF/m = Ader/Ader bei 0,14qmm 150pF/m = Ader/Ader bei 0,25qmm
radiation resistance:	up to 80×10^6 cJ/kg (up to 80 Mrad)
bending radius:	4 x cable diameter fixed 7,5 x cable diameter flexible
temperature range:	-5 to +80°C flexible -30 to +80°C stationary
flame retardant:	to IEC 60332-1

application: These data control cables are used for flexible use with free movement without tensile stress or forced movements in dry, moist and wet rooms, but not permitted outdoors. This type is the perfect cable for use in areas where a small diameter is essential to complete wiring. E.g. as a control and signal cable in measuring instruments, computers, signal transfer etc. This cable is suitable only for low load application.

*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.*



SPEZIALKABEL / SPEZIALLEITUNGEN

LIYY-TP DIN 47100
flexible data cable, adapted to DIN VDE 0812, 0814

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM ²	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
10012014	LIYY-TP 01 x 2 x 0,14	3,7	2,7	20
10022014	LIYY-TP 02 x 2 x 0,14	5,1	5,4	25
10032014	LIYY-TP 03 x 2 x 0,14	5,5	8,0	31
10042014	LIYY-TP 04 x 2 x 0,14	5,7	10,7	38
10052014	LIYY-TP 05 x 2 x 0,14	6,4	13,4	46
10062014	LIYY-TP 06 x 2 x 0,14	7,2	16,1	50
10072014	LIYY-TP 07 x 2 x 0,14	7,2	18,8	57
10082014	LIYY-TP 08 x 2 x 0,14	7,6	21,5	64
10102014	LIYY-TP 10 x 2 x 0,14	8,2	26,9	78
10112014	LIYY-TP 11 x 2 x 0,14	8,8	29,5	86
10122014	LIYY-TP 12 x 2 x 0,14	9,1	32,3	95
10142014	LIYY-TP 14 x 2 x 0,14	9,6	37,6	106
10152014	LIYY-TP 15 x 2 x 0,14	9,8	40,3	108
10162014	LIYY-TP 16 x 2 x 0,14	10,2	43,0	111
10182014	LIYY-TP 18 x 2 x 0,14	10,5	48,4	120
10202014	LIYY-TP 20 x 2 x 0,14	10,7	54,0	130
10222014	LIYY-TP 22 x 2 x 0,14	10,9	59,0	150
10242014	LIYY-TP 24 x 2 x 0,14	12,0	65,0	170
10252014	LIYY-TP 25 x 2 x 0,14	12,4	67,0	181
10262014	LIYY-TP 26 x 2 x 0,14	12,4	70,0	184
10272014	LIYY-TP 27 x 2 x 0,14	12,6	73,0	188
10282014	LIYY-TP 28 x 2 x 0,14	12,8	75,0	192
10302014	LIYY-TP 30 x 2 x 0,14	13,4	81,0	200
10322014	LIYY-TP 32 x 2 x 0,14	13,6	86,0	224
10342014	LIYY-TP 34 x 2 x 0,14	13,9	91,0	247
10362014	LIYY-TP 36 x 2 x 0,14	14,2	97,0	260
10382014	LIYY-TP 38 x 2 x 0,14	14,4	102,0	272
10402014	LIYY-TP 40 x 2 x 0,14	14,8	108,0	294
10442014	LIYY-TP 44 x 2 x 0,14	15,5	118,0	334
10452014	LIYY-TP 45 x 2 x 0,14	15,8	121,0	342
10502014	LIYY-TP 50 x 2 x 0,14	16,6	134,0	387
10522014	LIYY-TP 52 x 2 x 0,14	17,3	140,0	403
10532014	LIYY-TP 55 x 2 x 0,14	17,8	148,0	427
10012025	LIYY-TP 01 x 2 x 0,25	4,0	5,0	32
10022025	LIYY-TP 02 x 2 x 0,25	5,4	10,0	37
10032025	LIYY-TP 03 x 2 x 0,25	5,8	15,0	47
10042025	LIYY-TP 04 x 2 x 0,25	6,4	20,0	58
10052025	LIYY-TP 05 x 2 x 0,25	7,2	25,0	70
10062025	LIYY-TP 06 x 2 x 0,25	8,0	30,0	80
10072025	LIYY-TP 07 x 2 x 0,25	8,0	35,0	89



SPEZIALKABEL / SPEZIALLEITUNGEN

LIYY-TP DIN 47100
flexible data cable, adapted to DIN VDE 0812, 0814

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM ²	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
10082025	LIYY-TP 08 x 2 x 0,25	8,7	40,0	99
10102025	LIYY-TP 10 x 2 x 0,25	9,7	50,0	114
10112025	LIYY-TP 11 x 2 x 0,25	10,2	55,0	126
10122025	LIYY-TP 12 x 2 x 0,25	10,6	60,0	137
10142025	LIYY-TP 14 x 2 x 0,25	11,2	70,0	161
10152025	LIYY-TP 15 x 2 x 0,25	11,8	75,0	174
10162025	LIYY-TP 16 x 2 x 0,25	12,2	80,0	187
10182025	LIYY-TP 18 x 2 x 0,25	12,5	90,0	212
10202025	LIYY-TP 20 x 2 x 0,25	13,3	100,0	234
10222025	LIYY-TP 22 x 2 x 0,25	13,7	110,0	250
10242025	LIYY-TP 24 x 2 x 0,25	14,4	120,0	280
10252025	LIYY-TP 25 x 2 x 0,25	15,3	125,0	300
10262025	LIYY-TP 26 x 2 x 0,25	15,3	130,0	320
10272025	LIYY-TP 27 x 2 x 0,25	15,4	135,0	330
10282025	LIYY-TP 28 x 2 x 0,25	15,5	140,0	345
10302025	LIYY-TP 30 x 2 x 0,25	16,0	150,0	370
10322025	LIYY-TP 32 x 2 x 0,25	16,3	160,0	410
10342025	LIYY-TP 34 x 2 x 0,25	16,9	170,0	425
10362025	LIYY-TP 36 x 2 x 0,25	17,1	180,0	440
10382025	LIYY-TP 38 x 2 x 0,25	17,2	190,0	480
10402025	LIYY-TP 40 x 2 x 0,25	17,2	200,0	530
10442025	LIYY-TP 44 x 2 x 0,25	17,4	220,0	580
10452025	LIYY-TP 45 x 2 x 0,25	17,5	225,0	600
10502025	LIYY-TP 50 x 2 x 0,25	18,0	250,0	650
10522025	LIYY-TP 52 x 2 x 0,25	18,1	260,0	670
10552025	LIYY-TP 55 x 2 x 0,25	18,3	275,0	790
10022050	LIYY-TP 02 x 2 x 0,50	7,9	19,2	72
10032050	LIYY-TP 03 x 2 x 0,50	8,0	28,8	83
10042050	LIYY-TP 04 x 2 x 0,50	8,7	38,4	115
10082050	LIYY-TP 08 x 2 x 0,50	12,2	76,8	206
10102050	LIYY-TP 10 x 2 x 0,50	13,2	96,0	247