

# Data & Telecommunication Cables

## SAVATRONIC-LiYCY TP

PVC절연,시스/색상코어/TA편조/Twist pair



CE RoHS

### Construction (케이블구성)

Conductor (도체)	Bare copper strands acc. to IEC 60228 Class 5
Insulation (절연)	PVC
Core identification (선심식별)	Reference to DIN 47100
Assembly/Cabling (선심연합)	Required pairs shall be assembled with PS tape
Shield (차폐)	Tinned copper wire braiding
Sheath (시스)	PVC Pebble grey (RAL 7032)

### Technical data (기술사양)

Rated voltage (정격전압)	Max. 250V
Testing voltage (시험전압)	1,500V (C/C) / 5min.
Min. bending radius (곡률반경)	
Flexied laying	10 x d
Temperature range (사용온도)	
Flexible application	-5℃/+70℃
Fire performance (난연성)	Flame retardant acc. to IEC 60332-1-2

No. of cores x cross-sectional area	Diameter of wire	Diameter of cable Nom.	Copper weight Approx.	Cable weight Approx.
(No. x mm²)	(mm)	(mm)	(kg/km)	(kg/km)
2 x 2 x 0.14	0.08	5.6	28	64
3 x 2 x 0.14	0.08	5.7	39	79
4 x 2 x 0.14	0.08	6.2	45	94
5 x 2 x 0.14	0.08	6.4	54	109
7 x 2 x 0.14	0.08	7.2	62	129
12 x 2 x 0.14	0.08	9.1	68	135
15 x 2 x 0.14	0.08	10.3	76	161
18 x 2 x 0.14	0.08	10.9	87	182
25 x 2 x 0.14	0.08	12.9	91	182
2 x 2 x 0.25	0.16	7.0	97	189
3 x 2 x 0.25	0.16	7.1	103	200
4 x 2 x 0.25	0.16	7.7	111	220
5 x 2 x 0.25	0.16	8.1	117	229
7 x 2 x 0.25	0.16	8.7	136	256
12 x 2 x 0.25	0.16	11.6	142	265
18 x 2 x 0.25	0.16	13.5	148	284
25 x 2 x 0.25	0.16	16.4	158	321
2 x 2 x 0.34	0.16	7.8	27	64
3 x 2 x 0.34	0.16	7.9	34	76
4 x 2 x 0.34	0.16	8.7	41	91
5 x 2 x 0.34	0.16	8.9	50	101
7 x 2 x 0.34	0.16	10.1	63	134
12 x 2 x 0.34	0.16	13.0	109	214
18 x 2 x 0.34	0.16	15.5	151	304
25 x 2 x 0.34	0.16	18.9	200	416

No. of cores x cross-sectional area	Diameter of wire Max.	Diameter of cable Nom.	Copper weight Approx.	Cable weight Approx.
(No. x mm²)	(mm)	(mm)	(kg/km)	(kg/km)
2 x 2 x 0.5	0.21	8.5	42	93
3 x 2 x 0.5	0.21	9.0	49	105
4 x 2 x 0.5	0.21	9.8	62	126
5 x 2 x 0.5	0.21	10.5	70	141
10 x 2 x 0.5	0.21	14.3	138	267
12 x 2 x 0.5	0.21	15.5	157	326
15 x 2 x 0.5	0.21	16.5	182	349
18 x 2 x 0.5	0.21	18.1	219	426
2 x 2 x 0.75	0.21	9.7	50	103
3 x 2 x 0.75	0.21	9.8	63	124
4 x 2 x 0.75	0.21	10.8	80	155
5 x 2 x 0.75	0.21	11.3	95	175
7 x 2 x 0.75	0.21	12.4	124	221
12 x 2 x 0.75	0.21	16.6	222	384
15 x 2 x 0.75	0.21	18.5	259	466
18 x 2 x 0.75	0.21	19.8	312	546
1 x 2 x 1.0	0.21	6.5	32	65
2 x 2 x 1.0	0.21	9.9	40	127
3 x 2 x 1.0	0.21	10.5	78	145
4 x 2 x 1.0	0.21	11.5	105	187
5 x 2 x 1.0	0.21	12.1	124	211
7 x 2 x 1.0	0.21	13.1	163	269
12 x 2 x 1.0	0.21	18.0	274	467
15 x 2 x 1.0	0.21	19.6	334	558
18 x 2 x 1.0	0.21	21.0	392	647
2 x 2 x 1.5	0.26	10.9	79	155