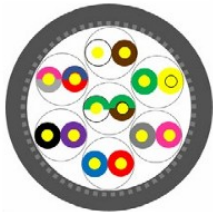


LiYCY TP CABLE – PVC SHIELDED TWISTED PAIR

EMI Protected Twisted Pair Signal Cable

LiYcY TP Cable PVC



✓ Twisted Pair ✓ EMI Shielded ✓ Flexible ✓ Industrial Control

APPLICATION

Signal and control cable for industrial automation, instrumentation and electronic systems.
Designed for EMI-sensitive environments with stable transmission using twisted pair structure.

KEY FEATURES

- Twisted pair minimizes interference
- TC braided shield ensures EMI protection
- Flexible Class 5 conductor
- Reliable signal transmission
- Suitable for control & instrumentation

CONSTRUCTION

Conductor: Class 5 Tinned Copper
Insulation: PVC
Cabling: Twisted Pair
Core ID: Colored cores
Shield: Tinned Copper Braid
Sheath: PVC

STANDARDS

VDE 0812 | DIN 47100 | IEC60332-1 | RoHS

PRODUCT LIST

Part No.	Size (mm2)	Pairs	Conductor	Insulation (mm)	Sheath (mm)	Structure	OD (mm)	Max DCR
05230114	0.14	1	12/0.12	0.35	0.7	TP + TC Braided	4.4	148
05230214	0.14	2	12/0.12	0.35	0.7	TP + TC Braided	6.1	148
05230314	0.14	3	12/0.12	0.35	0.8	TP + TC Braided	6.7	148
05230414	0.14	4	12/0.12	0.35	0.8	TP + TC Braided	7.2	148
0523061	0.14	6	12/0.12	0.35	0.8	TP + TC Braided	8.3	148

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4									
0523081	0.14	8	12/0.12	0.35	0.8	TP + TC Braided	9.4	148	
4									
0523101	0.14	10	12/0.12	0.35	0.9	TP + TC Braided	10.8	148	
4									
0523121	0.14	12	12/0.12	0.35	1	TP + TC Braided	11.4	148	
4									
0523012	0.25	1	14/0.15	0.4	0.7	TP + TC Braided	4.8	79.9	
5									
0523022	0.25	2	14/0.15	0.4	0.8	TP + TC Braided	7	79.9	
5									
0523032	0.25	3	14/0.15	0.4	0.8	TP + TC Braided	7.4	79.9	
5									
0523042	0.25	4	14/0.15	0.4	0.8	TP + TC Braided	8	79.9	
5									
0523062	0.25	6	14/0.15	0.4	0.8	TP + TC Braided	9.6	79.9	
5									
0523082	0.25	8	14/0.15	0.4	0.9	TP + TC Braided	10.8	79.9	
5									
0523102	0.25	10	14/0.15	0.4	1	TP + TC Braided	12.3	79.9	
5									
0523122	0.25	12	14/0.15	0.4	1.1	TP + TC Braided	12.6	79.9	
5									
0523013	0.34	1	20/0.15	0.4	0.7	TP + TC Braided	5.2	57	
4									
0523023	0.34	2	20/0.15	0.4	0.8	TP + TC Braided	7.7	57	
4									
0523033	0.34	3	20/0.15	0.4	0.8	TP + TC Braided	8.2	57	
4									
0523043	0.34	4	20/0.15	0.4	0.8	TP + TC Braided	9	57	
4									
0523063	0.34	6	20/0.15	0.4	0.9	TP + TC Braided	10.8	57	
4									
0523083	0.34	8	20/0.15	0.4	1	TP + TC Braided	12.2	57	
4									
0523103	0.34	10	20/0.15	0.4	1.1	TP + TC Braided	13.1	57	
4									
0523123	0.34	12	20/0.15	0.4	1.2	TP + TC Braided	14.7	57	
4									
0523015	0.5	1	16/0.20	0.45	0.7	TP + TC Braided	5.6	39	
0									
0523025	0.5	2	16/0.20	0.45	0.8	TP + TC Braided	8.3	39	
0									
0523035	0.5	3	16/0.20	0.45	0.8	TP + TC Braided	9.1	39	
0									
0523045	0.5	4	16/0.20	0.45	0.9	TP + TC Braided	10	39	
0									
0523065	0.5	6	16/0.20	0.45	1	TP + TC Braided	12	39	

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0									
0523085	0.5	8	16/0.20	0.45	1.1	TP + TC Braided	13.1	39	
0523105	0.5	10	16/0.20	0.45	1.2	TP + TC Braided	15.5	39	
0523017	0.75	1	24/0.20	0.5	0.8	TP + TC Braided	6.4	26	
0523027	0.75	2	24/0.20	0.5	0.8	TP + TC Braided	9.6	26	
0523037	0.75	3	24/0.20	0.5	0.9	TP + TC Braided	10.5	26	
0523047	0.75	4	24/0.20	0.5	1	TP + TC Braided	11.4	26	
0523067	0.75	6	24/0.20	0.5	1.1	TP + TC Braided	13.7	26	
0523087	0.75	8	24/0.20	0.5	1.2	TP + TC Braided	15	26	
0523107	0.75	10	24/0.20	0.5	1.3	TP + TC Braided	17.7	26	
0523011	1	1	32/0.20	0.6	0.8	TP + TC Braided	7.2	19.5	
0523021	1	2	32/0.20	0.6	0.9	TP + TC Braided	11.1	19.5	
0523031	1	3	32/0.20	0.6	1	TP + TC Braided	12.2	19.5	
0523041	1	4	32/0.20	0.6	1	TP + TC Braided	13.1	19.5	
0523061	1	6	32/0.20	0.6	1.2	TP + TC Braided	15	19.5	
0523081	1	8	32/0.20	0.6	1.3	TP + TC Braided	17.4	19.5	
0523011	1.5	1	30/0.25	0.6	0.8	TP + TC Braided	7.8	13.3	
0523021	1.5	2	30/0.25	0.6	1	TP + TC Braided	12.3	13.3	
0523031	1.5	3	30/0.25	0.6	1.1	TP + TC Braided	13.5	13.3	
0523041	1.5	4	30/0.25	0.6	1.2	TP + TC Braided	14.7	13.3	

PERFORMANCE TABLE

Parameter	Standard	Value
Rated Voltage	IEC	250/250V
Test Voltage	IEC	1200V

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Temperature Range	IEC	-15°C ~ +70°C
Flame Retardant	IEC60332-1	Pass
EMI Shielding	IEC	High
Signal Stability	Internal	Optimized (TP)