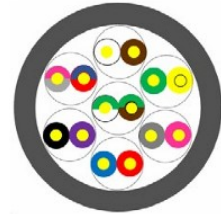


LiYY TP CABLE – PVC TWISTED PAIR SIGNAL CABLE

Twisted Pair Signal & Control Cable

LiYY TP Cable PVC



✓ Twisted Pair   ✓ Signal Integrity   ✓ Flexible   ✓ Multi-core

APPLICATION

- Signal and control cable for electronics
- Computer systems and control units
- Measurement and automation systems
- Interference-reduced transmission (twisted pair)

KEY FEATURES

- Class 5 flexible copper conductors
- Twisted pair construction for signal stability
- PVC insulation and sheath
- Colored core identification
- Compact multi-core design

CABLE CONSTRUCTION

Conductor: Class 5 oxygen-free copper  
Insulation: PVC  
Core identification: Colored cores  
Structure: Twisted pairs (TP)  
Sheath: PVC (Grey)

STANDARDS

VDE 0812 | DIN 47100 | IEC60332-1 | RoHS

PRODUCT LIST

| Part No. | Type    | Size (mm <sup>2</sup> ) | Pairs | Conductor | Insulation (mm) | Sheath (mm) | OD (mm) | Max DCR |
|----------|---------|-------------------------|-------|-----------|-----------------|-------------|---------|---------|
| 05110114 | PVC-PVC | 0.14                    | 1     | 12/0.12   | 0.35            | 0.4         | 3.2     | 148     |
| 05110214 | PVC-PVC | 0.14                    | 2     | 12/0.12   | 0.35            | 0.6         | 5.3     | 148     |
| 05110314 | PVC-PVC | 0.14                    | 3     | 12/0.12   | 0.35            | 0.6         | 5.7     | 148     |
| 05110414 | PVC-PVC | 0.14                    | 4     | 12/0.12   | 0.35            | 0.7         | 6.4     | 148     |
| 05110614 | PVC-PVC | 0.14                    | 6     | 12/0.12   | 0.35            | 0.7         | 7.5     | 148     |
| 05110814 | PVC-PVC | 0.14                    | 8     | 12/0.12   | 0.35            | 0.8         | 8.6     | 148     |
| 05111014 | PVC-PVC | 0.14                    | 10    | 12/0.12   | 0.35            | 0.9         | 10      | 148     |
| 05111214 | PVC-PVC | 0.14                    | 12    | 12/0.12   | 0.35            | 1           | 10.4    | 148     |
| 05111514 | PVC-PVC | 0.14                    | 15    | 12/0.12   | 0.35            | 1.1         | 11.6    | 148     |

## CASITEK | LiYY TP TWISTED PAIR SIGNAL CABLE (PVC)

|          |         |      |    |         |      |     |      |      |
|----------|---------|------|----|---------|------|-----|------|------|
| 05110125 | PVC-PVC | 0.25 | 1  | 14/0.15 | 0.4  | 0.4 | 3.6  | 79.9 |
| 05110225 | PVC-PVC | 0.25 | 2  | 14/0.15 | 0.4  | 0.6 | 6    | 79.9 |
| 05110325 | PVC-PVC | 0.25 | 3  | 14/0.15 | 0.4  | 0.6 | 6.4  | 79.9 |
| 05110425 | PVC-PVC | 0.25 | 4  | 14/0.15 | 0.4  | 0.7 | 7.2  | 79.9 |
| 05110625 | PVC-PVC | 0.25 | 6  | 14/0.15 | 0.4  | 0.8 | 8.8  | 79.9 |
| 05110825 | PVC-PVC | 0.25 | 8  | 14/0.15 | 0.4  | 0.8 | 9.8  | 79.9 |
| 05111025 | PVC-PVC | 0.25 | 10 | 14/0.15 | 0.4  | 1   | 11.5 | 79.9 |
| 05111225 | PVC-PVC | 0.25 | 12 | 14/0.15 | 0.4  | 1   | 12.1 | 79.9 |
| 05111525 | PVC-PVC | 0.25 | 15 | 14/0.15 | 0.4  | 1.1 | 13.5 | 79.9 |
| 05110134 | PVC-PVC | 0.34 | 1  | 20/0.15 | 0.4  | 0.5 | 4.2  | 57   |
| 05110234 | PVC-PVC | 0.34 | 2  | 20/0.15 | 0.4  | 0.6 | 6.7  | 57   |
| 05110434 | PVC-PVC | 0.34 | 4  | 20/0.15 | 0.4  | 0.6 | 5.1  | 57   |
| 05110534 | PVC-PVC | 0.34 | 5  | 20/0.15 | 0.4  | 0.6 | 5.5  | 57   |
| 05110734 | PVC-PVC | 0.34 | 7  | 20/0.15 | 0.4  | 0.7 | 6.2  | 57   |
| 05110834 | PVC-PVC | 0.34 | 8  | 20/0.15 | 0.4  | 0.7 | 6.7  | 57   |
| 05111034 | PVC-PVC | 0.34 | 10 | 20/0.15 | 0.4  | 0.8 | 8    | 57   |
| 05111234 | PVC-PVC | 0.34 | 12 | 20/0.15 | 0.4  | 0.8 | 8.3  | 57   |
| 05111434 | PVC-PVC | 0.34 | 14 | 20/0.15 | 0.4  | 0.8 | 8.7  | 57   |
| 05110250 | PVC-PVC | 0.5  | 2  | 16/0.20 | 0.45 | 0.6 | 4.8  | 39   |
| 05110350 | PVC-PVC | 0.5  | 3  | 16/0.20 | 0.45 | 0.6 | 5.2  | 39   |
| 05110450 | PVC-PVC | 0.5  | 4  | 16/0.20 | 0.45 | 0.6 | 5.6  | 39   |
| 05110550 | PVC-PVC | 0.5  | 5  | 16/0.20 | 0.45 | 0.6 | 6.1  | 39   |
| 05110750 | PVC-PVC | 0.5  | 7  | 16/0.20 | 0.45 | 0.6 | 6.6  | 39   |
| 05110850 | PVC-PVC | 0.5  | 8  | 16/0.20 | 0.45 | 0.7 | 7.4  | 39   |
| 05111050 | PVC-PVC | 0.5  | 10 | 16/0.20 | 0.45 | 0.7 | 8.6  | 39   |
| 05111250 | PVC-PVC | 0.5  | 12 | 16/0.20 | 0.45 | 0.8 | 9.2  | 39   |
| 05111450 | PVC-PVC | 0.5  | 14 | 16/0.20 | 0.45 | 0.9 | 9.8  | 39   |
| 05110275 | PVC-PVC | 0.75 | 2  | 24/0.20 | 0.5  | 0.6 | 5.4  | 26   |
| 05110375 | PVC-PVC | 0.75 | 3  | 24/0.20 | 0.5  | 0.6 | 5.8  | 26   |
| 05110475 | PVC-PVC | 0.75 | 4  | 24/0.20 | 0.5  | 0.6 | 6.3  | 26   |
| 05110575 | PVC-PVC | 0.75 | 5  | 24/0.20 | 0.5  | 0.7 | 7.1  | 26   |
| 05110775 | PVC-PVC | 0.75 | 7  | 24/0.20 | 0.5  | 0.7 | 7.7  | 26   |
| 05110875 | PVC-PVC | 0.75 | 8  | 24/0.20 | 0.5  | 0.8 | 8.6  | 26   |
| 05111075 | PVC-PVC | 0.75 | 10 | 24/0.20 | 0.5  | 0.8 | 10   | 26   |
| 05111275 | PVC-PVC | 0.75 | 12 | 24/0.20 | 0.5  | 0.9 | 10.6 | 26   |
| 05111475 | PVC-PVC | 0.75 | 14 | 24/0.20 | 0.5  | 1   | 11.3 | 26   |
| 05110210 | PVC-PVC | 1    | 2  | 32/0.20 | 0.6  | 0.6 | 6.2  | 19.5 |
| 05110310 | PVC-PVC | 1    | 3  | 32/0.20 | 0.6  | 0.6 | 6.7  | 19.5 |
| 05110410 | PVC-PVC | 1    | 4  | 32/0.20 | 0.6  | 0.7 | 7.5  | 19.5 |
| 05110510 | PVC-PVC | 1    | 5  | 32/0.20 | 0.6  | 0.7 | 8.2  | 19.5 |
| 05110710 | PVC-PVC | 1    | 7  | 32/0.20 | 0.6  | 0.8 | 9.1  | 19.5 |
| 05110215 | PVC-PVC | 1.5  | 2  | 30/0.25 | 0.6  | 0.6 | 6.8  | 13.3 |
| 05110315 | PVC-PVC | 1.5  | 3  | 30/0.25 | 0.6  | 0.7 | 7.6  | 13.3 |
| 05110415 | PVC-PVC | 1.5  | 4  | 30/0.25 | 0.6  | 0.7 | 8.2  | 13.3 |
| 05110515 | PVC-PVC | 1.5  | 5  | 30/0.25 | 0.6  | 0.8 | 9.2  | 13.3 |

CASITEK | LiYY TP TWISTED PAIR SIGNAL CABLE (PVC)

05110715    PVC-PVC    1.5    7    30/0.25    0.6    0.9    10.5    13.3

PERFORMANCE TABLE

| Test              | Standard   | Result               |
|-------------------|------------|----------------------|
| Rated voltage     | IEC        | 250/250V             |
| Test voltage      | IEC        | 1200V                |
| Temperature range | IEC        | -15~70°C             |
| Flame retardant   | IEC60332-1 | Pass                 |
| Signal stability  | Internal   | Improved (TP design) |