

LifYCY-TP Shielded - High Flex



LifYCY-TP is a VDE approved, high flex, oil-resistant, overall shielded, PVC multi-pair European data transmission cable. For use in highly flexible or stationary applications under medium mechanical stress with free movement without any tensile stress, loads or forced movements in dry, moist and wet conditions. Commonly used for signal, measuring, control, intercom systems, weighing instruments, office equipment, computers and telecommunications equipment. The twisted pair eliminates crosstalk within the cable as the overall tinned copper braid shield offers additional protection against high frequency electrical and electromagnetic interference (EMI). Not permitted for outdoor use.



Construction:

- Extra fine bare copper strands
- Strands to VDE-0295 Class-6, IEC 60228 Cl-6
- Special PVC core insulation
- Color code DIN47100 - with color repetition
- Cores twisted into pairs
- Plastic foil separator
- 85% tinned copper braid
- Special PVC outer jacket - gray (RAL 7001)
- **Extremely Oil Resistant**

Technical:

- Working voltage: 350 volts
- Test voltage: 1200 volts
- Flexing bending radius: 10 x Ø
- Static bending radius: 5 x Ø
- Flexing temp: -5° C to +70° C
- Static temp: -40° C to +70° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 10 MΩ x km

Approvals:

- VDE-0812 & 0814
- CE Low Voltage Directive 73/23/EEC and 93/68/EEC
- ROHS compliant

PART NUMBER	PAIRS	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
28 AWG (41/30) 0,08mm²				
5402803	3	0.197" / 5.0mm	9	21
5402804	4	0.213" / 5.4mm	10	25
5402806	6	0.252" / 6.4mm	13	32
5402808	8	0.280" / 7.1mm	16	51
5402812	12	0.327" / 8.3mm	26	64
5402818	18	0.382" / 9.7mm	37	93
25 AWG (102/30) 0,20mm²				
5402502	2	0.236" / 6.0mm	16	40
5402503	3	0.260" / 6.6mm	23	47
5402504	4	0.280" / 7.1mm	30	54
5402505	5	0.311" / 7.9mm	36	60
5402506	6	0.335" / 8.5mm	40	67
5402507	7	0.350" / 8.9mm	46	80
5402508	8	0.366" / 9.3mm	52	87
5402510	10	0.390" / 9.9mm	72	101
5402512	12	0.394" / 10.0mm	84	121
5402516	16	0.492" / 12.5mm	97	141
5402518	18	0.512" / 13.0mm	104	154
5402520	20	0.547" / 13.9mm	145	168
5402524	24	0.583" / 14.8mm	153	221
5402532	32	0.654" / 16.6mm	180	268

* Additional sizes may be available.