

## DATA-CP-TP Shielded Polyurethane



**DATA-CP-TP** is a VDE approved, flexible, oil-resistant, overall shielded, polyurethane multi-pair European data transmission cable. For use in flexible or stationary applications under high mechanical stress with free movement without any tensile stress, loads or forced movements in dry, moist and wet conditions. Commonly used with computers, data transmissions, office equipment and process controls and instruments. The polyurethane jacket is scratch, notch, oil and chemical resistant and designed for harsher ambient conditions where a shielded, robust and small dimensional cable may be required. The twisted pair eliminates crosstalk within the cable as the overall tinned copper braid shield offers additional protection against electrical and electromagnetic interference (EMI). Not permitted for outdoor use.



### Construction:

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Cl-5
- 22 AWG (0,34mm2) has a 7-wire strand
- PVC core insulation
- Color code DIN47100 - with color repetition
- 85% tinned copper braid
- Polyurethane jacket - gray (RAL 7032)
- **Extremely Oil Resistant**

### Technical:

- Working voltage: 250 volts
- Test voltage: 1200/1500 volts
- Flexing bending radius: 15 x Ø
- Static bending radius: 6 x Ø
- Flexing temp: -5° C to +80° C
- Static temp: -30° C to +80° C
- Flame retardant: IEC 60332.1-2
- Insulation resistance: 20 MΩ x km

### Approvals:

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

PART NUMBER	PAIRS	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
<b>24 AWG (14/34) 0,25mm2</b>				
5312402	2	0.276" / 7.0mm	19	36
5312403	3	0.280" / 7.1mm	26	44
5312404	4	0.299" / 7.6mm	30	54
5312405	5	0.311" / 7.9mm	34	65
5312406	6	0.335" / 8.5mm	46	77
<b>20 AWG (16/32) 0,50mm2</b>				
5312002	2	0.339" / 8.6mm	32	62
5312003	3	0.343" / 8.7mm	49	87
5312004	4	0.370" / 9.4mm	55	98
5312005	5	0.406" / 10.3mm	63	116
5312006	6	0.437" / 11.1mm	74	133
<b>18 AWG (24/32) 0,75mm2</b>				
5311802	2	0.366" / 9.3mm	39	71
5311803	3	0.370" / 9.4mm	55	94
5311804	4	0.421" / 10.7mm	72	120
5311805	5	0.437" / 11.1mm	76	144
5311806	6	0.476" / 12.1mm	85	165

\* Additional sizes may be available.