

DATA-CP Shielded Polyurethane Cable



DATA-CP is a VDE approved, flexible, oil-resistant, overall shielded, polyurethane multi-conductor 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 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 - without 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	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
24 AWG (14/34) 0,25mm²				
5302402	2	0.177" / 4.5mm	11	24
5302403	3	0.185" / 4.7mm	14	27
5302404	4	0.197" / 5.0mm	16	30
5302405	5	0.220" / 5.6mm	19	37
5302407	7	0.236" / 6.0mm	25	46
5302410	10	0.295" / 7.5mm	31	57
5302412	12	0.303" / 7.7mm	40	61
22 AWG (7/30) 0,34mm²				
5302202	2	0.193" / 4.9mm	14	27
5302203	3	0.201" / 5.1mm	18	35
5302204	4	0.224" / 5.7mm	19	42
5302205	5	0.244" / 6.2mm	22	46
5302207	7	0.268" / 6.8mm	32	58
5302210	10	0.327" / 8.3mm	50	89
5302212	12	0.335" / 8.5mm	54	99
20 AWG (16/32) 0,50mm²				
5302002	2	0.220" / 5.6mm	19	38
5302003	3	0.232" / 5.9mm	25	47
5302004	4	0.248" / 6.3mm	29	54
5302005	5	0.276" / 7.0mm	34	63
5302007	7	0.299" / 7.6mm	44	77
5302010	10	0.366" / 9.3mm	59	94
5302012	12	0.378" / 9.6mm	66	111
18 AWG (24/32) 0,75mm²				
5301802	2	0.236" / 6.0mm	25	45
5301803	3	0.260" / 6.3mm	33	53
5301804	4	0.280" / 7.0mm	39	64
5301805	5	0.311" / 7.6mm	45	76
5301807	7	0.335" / 8.2mm	67	108
5301810	10	0.350" / 10.5mm	87	129
5301812	12	0.366" / 10.8mm	103	151

* Additional sizes may be available.