

SUPERFLEX-CP

UL/CSA/CE



SUPERFLEX-CP is a polyurethane, very high flex, medium-duty, oil-resistant, halogen-free, overall shielded, continuous flex multi-conductor data transmission cable. These cables are ideal for all areas requiring a high and fast flexing cable commonly found in automated production processes, power chains, machine industries, robotics and other highly mobile machine parts. The small cable diameters allow installation in confined operating areas. The long working life offers outstanding performance as well as economy. Found in sensor technology, computers, control devices and measurement applications. Best suited for data and signal cable for power supply chains. The tinned copper braid shielded assures disturbance-free transmissions of signals and impulses with better protection against EMI. The rugged PUR jacket adds high abrasion and tear resistance along with good chemical resistance to coolants and mineral oils. May be used in dry, damp or wet environments. Outdoor use is not permitted.



Construction:

- Super fine bare copper strands
- Strands to VDE-0295 Class-6, IEC 60228 Cl-6
- Special polyolefin core insulation
- Color code DIN-47100 without color repetition
- Textile tape wrap over cores
- 85% Tinned Copper Braid
- Full PUR outer jacket - gray (RAL 7001)
- **Extremely oil & chemical resistant**

Technical:

- Working voltage: 250 volts
- Test voltage: 1500 volts
- Flexing bending radius: 7.5 x Ø
- Static bending radius: 4 x Ø
- Flexing temp: -40° C to +70° C
- Static temp: -50° C to +70° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 100 MΩ x km

Approvals:

- UL/CSA type CMX
- VDE-0245, 0281, 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
26 AWG (18/38) 0,14mm2				
2312602	2	0.181" / 4.6mm	7	22
2312603	3	0.188" / 4.8mm	9	25
2312604	4	0.201" / 5.1mm	11	28
2312605	5	0.251" / 6.4mm	12	32
2312607	7	0.268" / 6.8mm	19	47
2312610	10	0.283" / 7.2mm	26	60
2312612	12	0.299" / 7.6mm	28	65
2312614	14	0.311" / 7.9mm	30	71
2312618	18	0.331" / 8.4mm	36	83
2312625	25	0.363" / 9.2mm	46	110
24 AWG (32/38) 0,25mm2				
2312402	2	0.201" / 5.1mm	10	26
2312403	3	0.216" / 5.5mm	13	31
2312404	4	0.233" / 5.9mm	14	36
2312405	5	0.248" / 6.3mm	21	48
2312407	7	0.284" / 7.2mm	27	60
2312410	10	0.335" / 8.5mm	36	77
2312412	12	0.346" / 8.8mm	40	86
2312414	14	0.363" / 9.2mm	43	95
2312418	18	0.389" / 9.9mm	52	112
2312425	25	0.449" / 11.4mm	68	148
22 AWG (42/38) 0,34mm2				
2312202	2	0.221" / 5.6mm	12	32
2312203	3	0.240" / 6.1mm	19	42
2312204	4	0.249" / 6.3mm	24	54
2312205	5	0.267" / 6.8mm	26	60
2312207	7	0.303" / 7.7mm	36	79
2312210	10	0.371" / 9.4mm	45	104
2312212	12	0.382" / 9.7mm	51	112
2312214	14	0.398" / 10.1mm	58	130
2312218	18	0.421" / 10.7mm	67	151
2312225	25	0.508" / 12.9mm	104	220

* Additional sizes may be available.