

SUPERFLEX-P

UL/CSA/CE



SUPERFLEX-P is a polyurethane, very high flex, medium-duty, oil-resistant, halogen-free, 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 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
- Full PUR outer jacket - gray (RAL 7001)
- **Extremely oil & chemical resistant**

Technical:

- Working voltage: 250 volts
- Test voltage: 1500 volts
- Flexing bending radius: 5 x Ø
- Static bending radius: 3 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				
2302602	2	0.157" / 4.0mm	2	15
2302603	3	0.161" / 4.2mm	3	17
2302604	4	0.173" / 4.4mm	4	21
2302605	5	0.185" / 4.7mm	5	23
2302607	7	0.213" / 5.4mm	7	34
2302610	10	0.252" / 6.4mm	9	42
2302612	12	0.271" / 6.9mm	11	47
2302614	14	0.283" / 7.1mm	13	52
2302618	18	0.303" / 7.7mm	17	61
2302625	25	0.339" / 8.6mm	23	84
24 AWG (32/38) 0,25mm²				
2302402	2	0.181" / 4.6mm	3	20
2302403	3	0.185" / 4.7mm	5	22
2302404	4	0.201" / 5.1mm	7	27
2302405	5	0.220" / 5.6mm	9	34
2302407	7	0.252" / 6.4mm	12	43
2302410	10	0.303" / 7.7mm	17	56
2302412	12	0.307" / 7.8mm	20	63
2302414	14	0.319" / 8.1mm	24	72
2302418	18	0.346" / 8.8mm	30	87
2302425	25	0.425" / 10.8mm	42	119
22 AWG (42/38) 0,34mm²				
2302202	2	0.193" / 4.9mm	5	26
2302203	3	0.205" / 5.2mm	7	29
2302204	4	0.224" / 5.7mm	9	38
2302205	5	0.244" / 6.2mm	11	44
2302207	7	0.280" / 7.1mm	16	57
2302210	10	0.364" / 8.8mm	23	79
2302212	12	0.370" / 9.4mm	27	90
2302214	14	0.381" / 9.7mm	32	101
2302218	18	0.394" / 10.0mm	41	122
2302225	25	0.484" / 12.3mm	57	168

* Additional sizes may be available.