

## SUPERFLEX



**SUPERFLEX** is a PVC, very high flex, medium-duty, oil-resistant, 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. 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 PVC core insulation
- Color code DIN-47100 without color repetition
- Textile tape wrap over cores
- PVC 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: -5° C to +70° C
- Static temp: -40° C to +70° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 20 MΩ x km

### Approvals:

- 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
<b>26 AWG (18/38) 0,14mm<sup>2</sup></b>				
2102602	2	0.157" / 4.0mm	2	15
2102603	3	0.161" / 4.2mm	3	17
2102604	4	0.173" / 4.4mm	4	21
2102605	5	0.185" / 4.7mm	5	23
2102607	7	0.213" / 5.4mm	7	34
2102610	10	0.252" / 6.4mm	9	42
2102612	12	0.271" / 6.9mm	11	47
2102614	14	0.283" / 7.1mm	13	52
2102618	18	0.303" / 7.7mm	17	61
2102625	25	0.339" / 8.6mm	23	84
<b>24 AWG (32/38) 0,25mm<sup>2</sup></b>				
2102402	2	0.181" / 4.6mm	3	20
2102403	3	0.185" / 4.7mm	5	22
2102404	4	0.201" / 5.1mm	7	27
2102405	5	0.220" / 5.6mm	9	34
2102407	7	0.252" / 6.4mm	12	43
2102410	10	0.303" / 7.7mm	17	56
2102412	12	0.307" / 7.8mm	20	63
2102414	14	0.319" / 8.1mm	23	72
2102418	18	0.346" / 8.8mm	30	87
2102425	25	0.425" / 10.8mm	42	119
<b>22 AWG (42/38) 0,34mm<sup>2</sup></b>				
2102202	2	0.193" / 4.9mm	5	26
2102203	3	0.205" / 5.2mm	7	29
2102204	4	0.224" / 5.7mm	9	38
2102205	5	0.244" / 6.2mm	11	44
2102207	7	0.280" / 7.1mm	16	57
2102210	10	0.364" / 8.8mm	23	79
2102212	12	0.370" / 9.4mm	28	90
2102214	14	0.381" / 9.7mm	32	101
2102218	18	0.394" / 10.0mm	41	122
2102225	25	0.484" / 12.3mm	57	168

\* Additional sizes may be available.