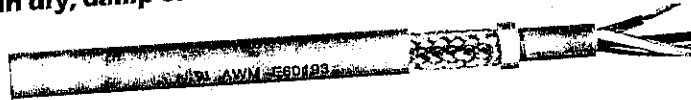


# FLEX-UL-CY



FLEX-UL-CY is a gray PVC, UL/CSA and CE approved, copper braid shield, flexible, oil-resistant multi-conductor power and control cable. The tinned copper braid is recommended when electrical interference distorts signal transmissions and abuse against EMI emissions. Applications include CNC machines, machine tools, control systems, assembly lines, control panel to machine connections, grinding machines and bottling equipment found in dry, damp or wet areas.



- **BENDING RADIUS:** 10 x Cable Diameter
- **TEMPERATURE:** -40° C. to +90° C. (Flame protection to IEC 60332.1)
- **RATED WORKING VOLTAGE:** 300/500V. (600V. UL/CSA)
- **STRANDING:** VDE 0295 Class 5 - IEC 60228 (fine bare copper)
- **COLOR CODE:** VDE 0293 - Black Cores w/ White Numbers & Green/Yellow Ground. \*OZ has NO ground.
- **APPROVALS:** UL Style 2587, CSA AWM I A/B II A/B, CE Low-Voltage Directive & ROHS Compliant.

| PART NUMBER                              | CORES | NOMINAL OD      | LBS/MFT | KG/KM |
|------------------------------------------|-------|-----------------|---------|-------|
| <b>20 AWG (16/32) 0,50mm<sup>2</sup></b> |       |                 |         |       |
| 1412002 OZ                               | 2     | 0.307" / 7.8mm  | 62      | 93    |
| 1412003                                  | 3     | 0.319" / 8.1mm  | 83      | 124   |
| 1412004                                  | 4     | 0.343" / 8.7mm  | 89      | 133   |
| 1412005                                  | 5     | 0.366" / 9.3mm  | 103     | 153   |
| 1412007                                  | 7     | 0.417" / 10.6mm | 128     | 191   |
| 1412012                                  | 12    | 0.516" / 13.1mm | 216     | 322   |
| 1412018                                  | 18    | 0.618" / 15.7mm | 251     | 374   |
| 1412018                                  | 18    | 0.618" / 15.7mm | 292     | 436   |
| 1412025                                  | 25    | 0.720" / 18.3mm |         |       |
| <b>18 AWG (32/32) 1,00mm<sup>2</sup></b> |       |                 |         |       |
| 1411802 OZ                               | 2     | 0.323" / 8.2mm  | 72      | 107   |
| 1411803                                  | 3     | 0.335" / 8.5mm  | 87      | 130   |
| 1411804                                  | 4     | 0.362" / 9.2mm  | 104     | 155   |
| 1411805                                  | 5     | 0.398" / 10.1mm | 121     | 181   |
| 1411807                                  | 7     | 0.449" / 11.4mm | 140     | 209   |
| 1411812                                  | 12    | 0.547" / 13.9mm | 229     | 341   |
| 1411818                                  | 18    | 0.642" / 16.3mm | 317     | 473   |
| 1411825                                  | 25    | 0.772" / 19.6mm | 436     | 650   |
| 1411834                                  | 34    | 0.890" / 22.6mm | 524     | 781   |
| 1411841                                  | 41    | 0.961" / 24.4mm | 598     | 892   |
| <b>16 AWG (30/30) 1,50mm<sup>2</sup></b> |       |                 |         |       |
| 1411602 OZ                               | 2     | 0.346" / 8.8mm  | 91      | 135   |
| 1411603                                  | 3     | 0.366" / 9.3mm  | 111     | 165   |
| 1411604                                  | 4     | 0.398" / 10.1mm | 129     | 192   |
| 1411605                                  | 5     | 0.429" / 10.9mm | 150     | 224   |
| 1411607                                  | 7     | 0.512" / 13.0mm | 183     | 273   |
| 1411612                                  | 12    | 0.618" / 15.7mm | 309     | 461   |
| 1411618                                  | 18    | 0.724" / 18.4mm | 452     | 674   |
| 1411618                                  | 18    | 0.882" / 22.4mm | 637     | 950   |
| 1411625                                  | 25    | 0.996" / 25.3mm | 807     | 1203  |
| 1411634                                  | 34    | 1.083" / 27.5mm | 1065    | 1588  |
| 1411641                                  | 41    |                 |         |       |

Sizes continued on next page.

Flexible Control Cables