

# 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
1412025	25	0.720" / 18.3mm	292	436
<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
1411625	25	0.882" / 22.4mm	637	950
1411634	34	0.996" / 25.3mm	807	1203
1411641	41	1.083" / 27.5mm	1065	1588

Sizes continued on next page.

Flexible Control Cables