

The Mueller Group, Inc.

FLEX-UL-CY



FLEX-UL-CY is a gray PVC, UL/CSA and CE approved, copper braid shield, oil-resistant, flexible 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.
- **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.
- **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
20 AWG (16/32) 0,50mm²				
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
18 AWG (32/32) 1,00mm²				
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
16 AWG (30/30) 1,50mm²				
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 back >

Flexible Control Cables

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Flex-UL-CY Sizes Continued

PART NUMBER	CORES	NOMINAL OD	LBS/MFT	KG/KM
14 AWG (50/30) 2,50mm²				
1411402-OZ	2	0.409" / 10.4mm	116	173
1411403	3	0.429" / 10.9mm	148	220
1411404	4	0.469" / 11.9mm	181	270
1411405	5	0.524" / 13.3mm	221	329
1411407	7	0.618" / 15.7mm	287	428
1411412	12	0.760" / 19.3mm	510	761
1411418	18	0.913" / 23.2mm	765	1140
1411425	25	1.122" / 28.5mm	1040	1551
12 AWG (56/28) 4,00mm²				
1411203	3	0.520" / 13.2mm	208	310
1411204	4	0.575" / 14.6mm	306	456
1411205	5	0.626" / 15.9mm	357	532
1411207	7	0.752" / 19.1mm	494	737
10 AWG (84/28) 6,00mm²				
1411003	3	0.602" / 15.3mm	276	411
1411004	4	0.657" / 16.7mm	384	572
1411005	5	0.728" / 18.5mm	491	732
8 AWG (80/26) 10,0mm²				
1410804	4	0.839" / 21.3mm	663	988
1410805	5	0.941" / 23.9mm	806	1202
6 AWG (128/26) 16,0mm²				
1410604	4	1.079" / 27.4mm	1115	1662
1410605	5	1.213" / 30.8mm	1356	2021
4 AWG (200/26) 25,0mm²				
1410404	4	1.319" / 33.5mm	1738	2591
1410405	5	1.575" / 40.0mm	2144	3197
2 AWG (280/26) 35,0mm²				
1410204	4	1.492" / 37.9mm	2198	3277
1410205	5	1.642" / 41.7mm	3038	4530
1 AWG (400/26) 50,0mm²				
1410104	4	1.594" / 40.5mm	2656	3960
1410105	5	1.748" / 44.4mm	2932	4371
2/0 AWG (356/24) 70,0mm²				
1412104	4	1.815" / 46.1mm	3275	4882
3/0 AWG (485/24) 95,0mm²				
1413104	4	1.996" / 50.7mm	4271	6368
4/0 AWG (614/24) 120,0mm²				
1414104	4	2.244" / 57.0mm	5373	8010

* Additional sizes may be available.

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