

# The Mueller Group, Inc.

## FLEX-QUATTRO (H05VV5-F)



**FLEX-QUATTRO** is a gray PVC, UL/CSA and HAR approved, oil-resistant, flexible multi-conductor power and control cable designed for use in all electrical equipment in dry, damp and wet conditions. Common applications include CNC machines, machine tools, control systems, assembly lines, control panel to machine connections, grinding machines and bottling equipment. For use in North America and Europe as H05VV5-F.



- **BENDING RADIUS:** 7.5 x Cable Diameter
- **TEMPERATURE:** -40° C. to +70° C. - HAR (-40° C. to +90° C. UL/CSA)
- **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 FT1, <HAR>, CE Low-Voltage Directive & ROHS Compliant.

PART NUMBER	CORES	NOMINAL OD	LBS/MFT	KG/KM
<b>20 AWG (16/32) 0,50mm2</b>				
1502002 OZ	2	0.224" / 5.7mm	35	52
1502003	3	0.240" / 6.1mm	42	63
1502004	4	0.264" / 6.7mm	46	69
1502005	5	0.283" / 7.3mm	58	87
1502007	7	0.346" / 8.8mm	80	119
1502012	12	0.437" / 11.1mm	133	198
1502018	18	0.508" / 12.9mm	178	266
1502025	25	0.630" / 16.0mm	255	380
1502034	34	0.697" / 17.7mm	341	508
<b>19 AWG (24/32) 0,75mm2</b>				
1501902 OZ	2	0.236" / 6.0mm	44	66
1501903	3	0.256" / 6.5mm	51	76
1501904	4	0.280" / 7.1mm	57	85
1501905	5	0.311" / 7.9mm	76	113
1501907	7	0.374" / 9.5mm	97	144
1501912	12	0.457" / 11.6mm	164	245
1501918	18	0.547" / 13.9mm	219	327
1501925	25	0.673" / 17.1mm	313	466
1501934	34	0.752" / 19.1mm	420	626
1501941	41	0.823" / 20.9mm	501	747
1501950	50	0.906" / 23.0mm	601	896
<b>18 AWG (32/32) 1,00mm2</b>				
1501802 OZ	2	0.248" / 6.3mm	47	70
1501803	3	0.268" / 6.8mm	59	88
1501804	4	0.295" / 7.5mm	66	99
1501805	5	0.331" / 8.4mm	89	132
1501807	7	0.394" / 10.0mm	114	170
1501812	12	0.492" / 12.5mm	191	285
1501818	18	0.579" / 14.7mm	272	405
1501825	25	0.709" / 18.0mm	382	570
1501834	34	0.799" / 20.3mm	498	742
1501841	41	0.882" / 22.4mm	594	885
1501850	50	0.957" / 24.3mm	718	1071
1501861	61	1.055" / 26.8mm	848	1265

Sizes continued on next page.



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### Flex-Quattro Sizes Continued.

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PART NUMBER	CORES	NOMINAL OD	LBS/MFT	KG/KM
<b>16 AWG (30/30) 1,50mm<sup>2</sup></b>				
1501602 OZ	2	0.291" / 7.4mm	61	91
1501603	3	0.315" / 8.0mm	74	110
1501604	4	0.343" / 8.7mm	95	141
1501605	5	0.386" / 9.8mm	112	167
1501607	7	0.469" / 11.9mm	151	225
1501612	12	0.571" / 14.5mm	242	361
1501618	18	0.685" / 17.4mm	347	518
1501625	25	0.839" / 21.3mm	490	730
1501634	34	0.949" / 24.1mm	634	945
1501641	41	1.031" / 26.2mm	761	1135
1501650	50	1.134" / 28.8mm	926	1381
1501661	61	1.240" / 31.5mm	1100	1640
<b>14 AWG (50/30) 2,50mm<sup>2</sup></b>				
1501402 OZ	2	0.362" / 9.2mm	84	125
1501403	3	0.390" / 9.9mm	113	169
1501404	4	0.437" / 11.1mm	140	209
1501405	5	0.472" / 12.0mm	172	256
1501407	7	0.575" / 14.6mm	228	340
1501412	12	0.713" / 18.1mm	388	579
1501418	18	0.870" / 22.1mm	571	851
1501425	25	1.043" / 26.5mm	788	1175
1501434	34	1.177" / 29.9mm	1026	1529
1501450	50	1.386" / 35.2mm	1536	2290

\* Additional sizes may be available.

Flexible Control Cables