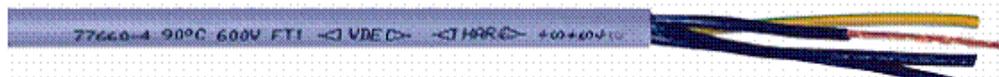


FLEX-QUATTRO

PVC, UL/CSA/HAR/CE, 300/500V (600V UL)



FLEX-QUATTRO is a PVC, flexible, oil-resistant, multi-conductor power and control cable designed for use in all electrical equipment in dry, damp and wet conditions. Especially designed for international use in the North American and European markets by carrying Harmonization, UL and CSA approvals. For use in flexible or stationary applications under medium mechanical stress with free movement without any tensile stress, loads or forced movements. Common applications for **FLEX-QUATTRO** include connections and control to CNC machines, machine tools, control systems, assembly lines, control panel to machine connections, grinding machines and bottling equipment. Found in plant engineering, paint shops, power stations and refrigeration plants. Outdoor installation is not permitted. Common European designation is H05VV5-F.

► Construction:

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Cl-5
- Special PVC core insulation
- Color code VDE-0293 - black & numbered
- Ground wire in outer layer
- PVC outer jacket - gray (RAL 7001)
- "OZ" denotes no ground wire
- Oil-resistant to EN 50363-4-1
- *Extremely oil & chemical resistant*

► Technical:

- Working voltage: 300/500 (600v UL)
- Test voltage: 3000 volts
- Flexing bending radius: 12.5 x Ø
- Static bending radius: 5 x Ø
- Flexing temp: -5° C to +70° C (90° UL)
- Static temp: -40° C to +80° C (90° UL)
- Flame retardant: IEC 60332.1, FT1
- Insulation resistance: 20 MΩ x km

► Approvals:

- UL Style 21098, VW-1
- CSA AWM I A/B, II A/B FT1
- <HAR> HD 21.13 S1
- <VDE> 0281 Part-13
- CE Low Voltage Directive 2014/35/EU
- ROHS compliant
- *H05VV5-F HAR/UL/CSA*

PART NUMBER		CORES	NOMINAL OD (in)	NOMINAL OD (mm)	CU LBS/ MFT	WT LBS/ MFT
21 AWG (16/32) 0,50mm²						
1502102	OZ	2	0.232"	5.9mm	6	32
1502103		3	0.244"	6.2mm	10	42
1502104		4	0.268"	6.8mm	13	46
1502105		5	0.291"	7.4mm	16	58
1502107		7	0.354"	9.0mm	23	80
1502112		12	0.437"	11.1mm	39	133
1502118		18	0.520"	13.2mm	58	220
1502125		25	0.630"	16.0mm	80	255
1502134		34	0.713"	18.1mm	110	341
1502141		41	0.776"	19.7mm	132	399
19 AWG (24/32) 0,75mm²						
1501902	OZ	2	0.248"	6.3mm	10	44
1501903		3	0.264"	6.7mm	14	51
1501904		4	0.283"	7.2mm	19	56
1501905		5	0.319"	8.1mm	24	76
1501907		7	0.390"	9.9mm	34	97
1501912		12	0.472"	12.0mm	58	164
1501918		18	0.567"	14.4mm	87	220
1501925		25	0.673"	17.1mm	121	313
1501934		34	0.776"	19.7mm	164	420
1501941		41	0.850"	21.6mm	199	502
18 AWG (32/32) 1,00mm²						
1501802	OZ	2	0.260"	6.6mm	13	47
1501803		3	0.276"	7.0mm	19	59
1501804		4	0.307"	7.8mm	26	66
1501805		5	0.339"	8.6mm	32	89
1501807		7	0.409"	10.4mm	45	114
1501812		12	0.504"	12.8mm	77	191
1501818		18	0.594"	15.1mm	116	272
1501825		25	0.709"	18.0mm	161	382

Sizes continued on next page

FLEX-QUATTRO

PVC, UL/CSA/HAR/CE, 300/500V (600V UL)



<HAR>

**FLEX-QUATTRO Sizes Continued. (18 AWG & Larger)**

PART NUMBER		CORES	NOMINAL OD (in)	NOMINAL OD (mm)	CU LBS/ MFT	WT LBS/ MFT
1501834		34	0.823"	20.9mm	219	498
1501841		41	0.898"	22.8mm	264	594
1501850		50	0.984"	25.0mm	322	718
16 AWG (30/30) 1,50mm²						
1501602	OZ	2	0.299"	7.6mm	19	64
1501603		3	0.327"	8.3mm	29	74
1501604		4	0.354"	9.0mm	39	97
1501605		5	0.398"	10.1mm	48	113
1501607		7	0.492"	12.5mm	68	150
1501612		12	0.594"	15.1mm	116	243
1501618		18	0.709"	18.0mm	174	348
1501625		25	0.834"	21.4mm	241	490
1501634		34	0.984"	25.0mm	329	635
1501641		41	1.071"	27.2mm	396	762
14 AWG (50/30) 2,50mm²						
1501402	OZ	2	0.362"	9.2mm	32	107
1501403		3	0.390"	9.9mm	48	114
1501404		4	0.425"	10.8mm	64	141
1501405		5	0.476"	12.1mm	80	172
1501407		7	0.579"	14.7mm	113	228
1501412		12	0.705"	17.9mm	193	389
1501418		18	0.580"	21.6mm	290	570
1501425		25	1.008"	25.6mm	402	782

** for sizes larger than #14 AWG (2,50mm²) see product FLEX-UL (140)