

H05VV-F Cordage

Harmonized European Flexible Cordage - PVC



H05VV-F is a PVC cordage that meets <HAR> H05VV-F approval. It is designed for use on European equipment as the power supply cable.

Recommended Applications:

Power cordage for European machinery, Portable tools, Data processing, Control systems, Commercial appliances, and MRO repair for European machinery

Application Advantage:

- Meets <HAR> directives for power cordage
- MRO replacement cable for European machinery
- UV resistant

H05VV-F Cordage Construction:

Finely stranded bare copper conductors; PVC insulation; dry lubricant; PVC jacket.



This product is being replaced by OLFLEX® QUAD II, minimums may apply.

Cable Attributes, See Page 653



Oil Resistance:
OR-01



Flame
Resistance:
FR-01



Motion Type:
FL-01



Mechanical
Properties:
MP-01

For conductor sizes larger than 12 AWG (4 mm²) HAR requires H07RN-F. See Page 214

Complete the installation with:



SKINTOP®
Strain Relief:
Page 486



EPIC®
Connectors:
Page 251



OLFLEX®
Tubing:
Page 546



<HAR>
Cordsets:
Page 640

Technical Data:



Minimum Bend Radius
for flexible use:

5 x cable diameter



Conductor Stranding:

Fine Wire in acc. with VDE 0295
Cl.5 IIEC 60228 Cl.5



Temperature Range:

-30°C to +70°C



Color Code:

VDE 0293-308, Chart 6, Page 673



Nominal Voltage:

300/500V



Approvals:

<HAR> H05VV-F



Test Voltage:

3000V

Black Jacket Part Number	Gray Jacket Part Number	Number of Conductors includes ground	Nominal Outer Diameter		Copper Weight lbs/mft	Approx. Weight	
			inches	mm		lbs/mft	kg/km
19 AWG (24/32) 0.75 mm ²							
1601103	810965	2	.252	6.4	10	35	52
1601102	810618	3	.268	6.8	15	42	62
16011263	8109663	4	.291	7.4	19	50	75
81097633	8109673	5	.327	8.5	24	65	96
18 AWG (32/32) 1.00 mm ²							
1601106	810968	2	.268	6.8	13	42	61
1601109	810616	3	.283	7.2	19	50	74
16011193	8109693	4	.307	7.8	25	62	92
16011293	8109703	5	.346	8.8	32	76	113
16 AWG (30/30) 1.50 mm ²							
1601114	810971	2	.303	7.7	18	57	84
1601111	810617	3	.335	8.5	27	71	106
16011163	8106753	4	.374	9.5	39	90	133
16011233	8109723	5	.417	10.6	48	112	167
14 AWG (50/30) 2.50 mm ²							
1601121	810973	2	.366	9.3	32	85	126
1601125	810974	3	.394	10.0	48	106	158
16011353	8106763	4	.433	11.0	65	132	196
16011123	8109753	5	.484	12.3	81	163	242