

H05VV5-F (previously NYSLYÖ-J) PVC Control cables. oil resistant

Type Approval Certificates

UL approvals
 Core styles
 1007: 80 °C. 300 V. 0.031 to...
 1011: 80 °C. 600 V. 0.031
 Outer sheath styles
 2464: 80 °C. 300 V
 2570: 80 °C. 600 V

Applications

These cables are suitable for all machine tool equipments for any flexible links where optimum protection against oil or acid is required.

300/500 V

Max core temperature: 80 °C

Design

1. Conductor

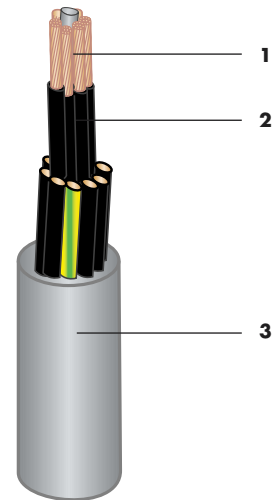
Flexible bare copper
 Class 5
 IEC 60228
 Class 5 up to 25 sqmm
 Class 6 more than 35 sqmm

3. Outer sheath

PVC oil resistant
 (polyvinyl chloride)
 Colour: grey

2. Insulation

PVC
 (polyvinyl chloride)



Marking

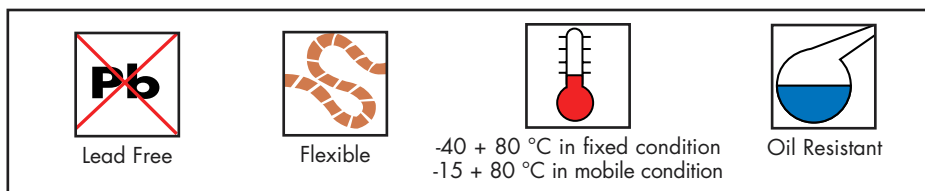
H05VV5-F ◁VDE▷ ◁HAR▷
 AWN E 60193

Core Identification

Colour: black. white printed numbers and green/yellow core.

Standards

HD 21.13-51
 VDE 0281 Part 13/5/96



H05VV5-F

Type	No. of cores and rated cross section (mm ²)	Outer diameter approximately (mm)	Weight approximately (kg/km)
78733002	2 x 0.5*	6	45
78733003	3 G 0.5	6.5	55
78733004	4 G 0.5	7.3	75
78733005	5 G 0.5	8	85
78733007	7 G 0.5	9	105
78733008	8 G 0.5	10.5	135
78733010	10 G 0.5	11.7	170
78733012	12 G 0.5	11	180
78733014	14 G 0.5	12.5	210
78733016	16 G 0.5	13.5	240
78733018	18 G 0.5	14.2	260
78733021	21 G 0.5	15.5	305
78733025	25 G 0.5	17	365
78733030	30 G 0.5	18.5	440
78733034	34 G 0.5	20	500
78733040	40 G 0.5	21	580
78733044	44 G 0.5	21.5	620
78733050	50 G 0.5	23	670
78733061	61 G 0.5	25	820
78733080	80 G 0.5	28	1 060
78733100	100 G 0.5	31	1 300
78733102	2 x 0.75*	6.5	60
78733103	3 G 0.75	7.4	70
78733104	4 G 0.75	7.5	80
78733105	5 G 0.75	8.5	100
78733107	7 G 0.75	10	140
78733108	8 G 0.75	11.5	175
78733110	10 G 0.75	12.5	200
78733112	12 G 0.75	12.5	215
78733115	15 G 0.75	14	275
78733118	18 G 0.75	14.5	305
78733121	21 G 0.75	16.5	380
78733125	25 G 0.75	18	420
78733132	32 G 0.75	20.5	580
78733134	34 G 0.75	20	580
78733140	40 G 0.75	23	720
78733150	50 G 0.50	24	810
78733161	81 G 0.75	26	980
78733180	80 G 0.75*	30.5	1 330
78733200	100 G 0.75*	34	1 670

Stocked products

* Dimensions not in VDE

H05VV5-F

Type	No. of cores and rated cross section (mm ²)	Outer diameter approximately (mm)	Weight approximately (kg/km)
78733402	2 x 2.5*	9.6	135
78733403	3 G 2.5	10	165
78733404	4 G 2.5	10.9	200
78733405	5 G 2.5	12.3	255
78733406	6 G 2.5	13.3	285
78733407	7 G 2.5	14.5	360
78733408	8 G 2.5	16	390
78733412	12 G 2.5	18.3	535
78733414	14 G 2.5	19.8	630
78733416	16 G 2.5	20.8	705
78733418	18 G 2.5	21.8	785
78733420	20 G 2.5	22.9	865
78733425	25 G 2.5	26.5	1 070
78733430	30 G 2.5	27.4	1 240
78733434	34 G 2.5	30	1 450
78733440	40 G 2.5	32	1 750
78733450	50 G 2.5	35.3	2 000
78733456	56 G 2.5	37	2 300
78733461	61 G 2.5	38	2 450
78733470	70 G 2.5*	41.5	2 800
78733502	2 x 4*	11.1	190
78733503	3 G 4*	11.8	240
78733504	4 G 4*	12.9	300
78733505	5 G 4*	14.1	355
78733507	7 G 4*	17.5	510
78733512	12 G 4*	21.8	800
78733515	15 G 4*	24	960
78733518	18 G 4*	25.9	1 160
78733525	25 G 4*	31.5	1 600
78733603	3 G 6*	13	315
78733604	4 G 6*	14	390
78733605	5 G 6*	15.5	470
78733607	7 G 6*	18	660
78733704	4 G 10*	20	720
78733705	5 G 10*	21.5	865
78733707	7 G 10*	24	1 150
78733804	4 G 16*	22.5	1 000
78733805	5 G 16*	25	1 250
78733807	7 G 16*	29	1 650
78733854	4 G 25*	28	1 550
78733855	5 G 25*	31	1 900
78733904	4 G 35*	31	2 000
78733905	5 G 35*	34.5	2 500
78733954	4 G 50*	37.5	2 900
78733955	4 G 70*	42	3 900
78733956	4 G 95*	49	5 300

Stocked products

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H05VV5-F

Type	No. of cores and rated cross section (mm ²)	Outer diameter approximately (mm)	Weight approximately (kg/km)
78733202	2 x 1*	7.1	65
78733203	3 G 1	7.5	80
78733204	4 G 1	8.1	95
78733205	5 G 1	9	120
78733206	6 G 1	10.2	145
78733207	7 G 1	10.5	160
78733208	8 G 1	12.2	205
78733209	9 G 1	13.3	235
78733212	12 G 1	13.5	250
78733214	14 G 1	14	290
78733216	16 G 1	15.5	350
78733218	18 G 1	15.5	360
78733220	20 G 1	17.2	440
78733224	24 G 1	18.5	500
78733225	25 G 1	19.5	540
78733230	30 G 1	21	670
78733234	34 G 1	22	710
78733240	40 G 1	24	850
78733248	48 G 1	26	980
78733250	50 G 1	26	1 020
78733256	56 G 1	28	1 200
78733261	61 G 1	28.5	1 220
78733380	80 G 1*	33	1 600
78733300	100 G 1	36	2 000
78733302	2 x 1.5*	8	85
78733303	3 G 1.5	8.5	110
78733304	4 G 1.5	9.2	140
78733305	5 G 1.5	10.5	165
78733306	6 G 1.5	11.2	190
78733307	7 G 1.5	12.2	230
78733308	8 G 1.5	13.5	260
78733309	9 G 1.5	14.5	300
78733312	12 G 1.5	15.5	345
78733314	14 G 1.5	16.3	400
78733316	16 G 1.5	17	450
78733318	18 G 1.5	18.5	520
78733320	20 G 1.5	19	570
78733325	25 G 1.5	22.5	720
78733332	32 G 1.5	24	890
78733334	34 G 1.5	25.5	950
78733340	40 G 1.5	27	1 140
78733342	42 G 1.5	27	1 180
78733350	50 G 1.5	30	1 400
78733356	56 G 1.5	31	1 550
78733361	61 G 1.5	31.5	1 640
78733480	80 G 1.5*	36	2 100
78733400	100 G 1.5*	40	2 600

Stocked products

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$d \leq 8 \text{ mm} = 3d$
 $8 \leq d \leq 12 \text{ mm} = 4d$
 $d > 12 \text{ mm} = 5d$