



## Novoflex N-HAR H05VV5-F 4-N UL/CSA

Harmonized PVC-sheathed control cable UL/CSA

### Specification

<b>STANDARD</b>	VDE 0295, HD21.13 S1
<b>APPROVALS</b>	Complies to Swedish and European standard acc. to SS EN 60204, Style 2587, HAR-approved
<b>RATED VOLTAGE UO/U</b>	300/500V
<b>RATED VOLTAGE ACC TO. UL/CSA</b>	600V
<b>CONDUCTOR CLASS</b>	Class 5 = fine stranded wires
<b>CONDUCTOR MATERIAL</b>	Copper
<b>CORE INSULATION</b>	PVC
<b>CORE IDENTIFICATION</b>	Black with white numerals
<b>PROTECTIVE CONDUCTOR</b>	Yellow/Green
<b>OUTER SHEATH</b>	Special PVC
<b>SHEAT COLOUR</b>	Grey RAL 7001
<b>BENDING RADIUS FIXED</b>	4 x cable diameter
<b>BENDING RADIUS MOVED</b>	15 x cable diameter
<b>MIN OPERATING TEMPERATURE FIXED</b>	-40°C
<b>MAX OPERATING TEMPERATURE FIXED</b>	HAR: +70°C UL/CSA: +90°C
<b>MIN OPERATING TEMPERATURE MOVED</b>	-5°C
<b>MAX OPERATING TEMPERATURE MOVED</b>	HAR: +70°C UL/CSA: +90°C
<b>TESTING VOLTAGE</b>	3000V
<b>INSULATION RESISTANCE</b>	≥20 MOhm x km
<b>FLAME RETARDANT</b>	IEC 60332-1, UL1581 VWI, CSA FT1

## Variants

E-NUMBER	DIMENSION N X MM <sup>2</sup>	OUTER DIAMETER MM	WEIGHT KG/100M
N7641020	2x0,5	5.8	4
N7641030	3G0,5	6.1	5.1
N7641040	4G0,5	6.9	6.2
N7641050	5G0,5	7.5	7.5
N7641070	7G0,5	9	11.7
N7641120	12G0,5	10.7	18.8
N7641180	18G0,5	12.9	24.8
N7641250	25G0,5	16	34.8
N7642020	2x0,75	6.4	4.3
N7642030	3G0,75	6.7	6.1
N7642040	4G0,75	7.3	7.5
N7642050	5G0,75	8.2	10
N7642070	7G0,75	9.9	14.1
N7642120	12G0,75	12.1	23
N7642180	18G0,75	14.2	30.6
N7642250	25G0,75	16.5	42.7
N7642340	34G0,75	19.5	59
N7643020	2x1	6.7	5.7
N7643030	3G1	7.1	7.1
N7643040	4G1	7.8	8.9
N7643050	5G1	8.7	11.6
N7643070	7G1	10.5	16.6
N7643120	12G1	12.5	25.1
N7643180	18G1	15	38.5
N7643250	25G1	17.5	53.4
N7643340	34G1	21	70
N7644030	3G1,5	8.3	9.2
N7644040	4G1,5	9.1	12.5
N7644050	5G1,5	10.2	15.5
N7644070	7G1,5	12.5	22.7
N7644120	12G1,5	14.5	33
N7644180	18G1,5	17.7	50.6
N7644250	25G1,5	20.4	70
N7645030	3G2,5	9.9	14.6

N7645040	4G2,5	11	19.6
N7645050	5G2,5	12.1	23.5
N7645070	7G2,5	14.7	34.3
N7645120	12G2,5	17.4	53.5
N7645180	18G2,5	21.3	80
N7645250	25G2,5	25.6	110