



Novoflex HEAVY (N)GFLCGÖU

Rubber sheathed shielded (EMC) flat cable

Specification

STANDARD	VDE 0295, IEC 60228
RATED VOLTAGE U ₀ /U	0,6/1kV
CONDUCTOR CLASS	≤25mm ² Class 6 = extra fine stranded wires / ≥35mm ² Class 5 = fine stranded wires
CONDUCTOR MATERIAL	Copper
CORE INSULATION	Rubber
CORE IDENTIFICATION	≤5 cores: Colour coded VDE 0293-308, ≥6 cores Black with numerals
PROTECTIVE CONDUCTOR	Yellow/Green
OVERALL SHIELD	Aluminum foil and braided tinned copper wire
OUTER SHEATH	Rubber
SHEATH COLOUR	Black
BENDING RADIUS FIXED	5 x cable thickness
BENDING RADIUS MOVED	5 x cable thickness
MIN OPERATING TEMPERATURE FIXED	-40°C
MAX OPERATING TEMPERATURE FIXED	+80°C
MIN OPERATING TEMPERATURE MOVED	-30°C
MAX OPERATING TEMPERATURE MOVED	+80°C
TESTING VOLTAGE	2000V
MAX TEMPERATURE AT CONDUCTOR	+90°C
FLAME RETARDANT	IEC 60332-1

Variants

E-NUMBER	DIMENSION N X MM ²	OUTER DIMENSIONS (MIN - MAX) MM	WEIGHT KG/100M
N8889000	4x(2x1)	10.2 x 30.0 - 11.8 x 33.5	52.5
N8889100	7x(2x1)	10.9 x 55.0 - 12.5 x 59.0	90.9
N8881040	4G1,5	7.0 x 20.1 - 8.0 x 21.5	29.1
N8881080	8G1,5	7.0 x 36.2 - 8.0 x 38.6	53.7
N8881120	12G1,5	7.0 x 52.7 - 8.0 x 57.1	79.5
N8882040	4G2,5	7.6 x 22.7 - 8.7 x 24.1	41.8
N8882120	12G2,5	7.6 x 60.0 - 8.7 x 64.0	100.4
N8883040	4G4	8.5 x 25.6 - 9.5 x 27.6	44
N8883060	4G6	8.9 x 28.1 - 10.5 x 31.1	60.3
N8883100	4G10	11.1 x 34.7 - 12.1 x 36.7	95.5
N8883160	4G16	12.3 x 38.9 - 13.7 x 41.5	125.4
N8883250	4G25	12.5 x 43.0 - 15.5 x 47.0	169.4
N8883350	4G35	14.6 x 49.8 - 17.1 x 53.2	228.2
N8883500	4G50	17.1 x 58.0 - 19.7 x 61.6	313
N8883700	4G70	22.0 x 73.0 - 24.0 x 77.0	468
N8883950	4G95	22.7 x 76.3 - 25.3 x 81.9	560.5