

Vandapower distributes the Global Cables brand of high quality power and data cables. Both single conductor and multi conductor, both European and UL standards. Please feel free to contact us for any special cable requirements.

Single Conductor Cable



H01N2-D RUBBER CABLE



TECHNICAL SPECIFICATIONS

Cable standards	BS EN 50525-2-81
Voltage rating	100 V
Temperature rating	Fixed: -40°C to +85°C
	Flexed: -20°C to +85°C
Cable construction	Generally to class 6 flexible copper conductor according to BS EN 60228 Polyester tape separator Rubber compound sheath type EM5 according to BS EN 50363
Minimum bending radius	Flexed: 6 x overall diameter

CABLE DESIGN PARAMETERS

Nominal Cross-Section (mm ²)	Nominal thickness of insulation(mm)	Max. Diameter of wires in Conductor (mm)	Nominal overall diameter (mm)	Max. DC Conductor Resistance at 20°C (Ω/km)
10	2	0,21	9	1,91
16	2	0,21	10	1,21
25	2	0,21	11,5	0,78
35	2	0,21	12,5	0,554
50	2,2	0,21	14,5	0,386
70	2,4	0,21	16,5	0,272
95	2,6	0,21	18,5	0,206
120	2,8	0,51	20,5	0,161

ELECTRICAL PROPERTIES

Nominal Cross-Section (mm ²)	Current rating for single cycle operation over a maximum period of 5 minutes			
	100%	85%	60%	35%
10	100	103	108	122
16	135	145	175	230
25	180	195	230	300
35	225	245	290	375
50	285	305	365	480
70	355	385	460	600
95	430	470	560	730
120	500	540	650	850

CONVERSION FACTOR FOR DEVIATING AMBIENT AIR TEMPERATURE

Ambient air T (°C)	25	30	35	40	45	50	55
Derating factor	1	0,96	0,91	0,87	0,82	0,76	0,71

PRODUCT CODES

Per meter



ORDERING CODE	COLOR	SECTION (mm²)	Factory Packaging (standard drum length in m)
K-H01N2-D-6GC	Black	6	500
K-H01N2-D-10GC	Black	10	500
K-H01N2-D-16GC	Black	16	500
K-H01N2-D-25GC	Black	25	500
K-H01N2-D-35GC	Black	35	500
K-H01N2-D-50GC	Black	50	250
K-H01N2-D-70GC	Black	70	250
K-H01N2-D-95GC	Black	95	250
K-H01N2-D-120GC	Black	120	150
K-H01N2-D-6GC-RED	Red	6	500
K-H01N2-D-10GC-RED	Red	10	500
K-H01N2-D-16GC-RED	Red	16	500
K-H01N2-D-25GC-RED	Red	25	500
K-H01N2-D-35GC-RED	Red	35	500
K-H01N2-D-50GC-RED	Red	50	250
K-H01N2-D-70GC-RED	Red	70	250
K-H01N2-D-95GC-RED	Red	95	250
K-H01N2-D-120GC-RED	Red	120	150

ORDERING CODE FOR BULK

Example:

K-H01N2-D-10GC-025M-0

Cable: _____

H01N2-D Flexible cable

Section and color: _____

10GC - 10 mm² Black

10GC-RED - 10 mm² Red

16GC - 16 mm² Black

16GC-RED - 16 mm² Red

25GC - 25 mm² Black

25GC-RED - 25 mm² Red

35GC - 35 mm² Black

35GC-RED - 35 mm² Red

50GC - 50 mm² Black

50GC-RED - 50 mm² Red

70GC - 70 mm² Black

70GC-RED - 70 mm² Red

95GC - 95 mm² Black

95GC-RED - 95 mm² Red

120GC - 120 mm² Black

120GC-RED - 120 mm² Red

Length: _____

025M - 25 meter

050M - 50 meter

100M - 100 meter

Packaging: _____





0 - Ring with cable ties (*standard packaging*)

F - Plastic shrink foil

T - Plywood drum

P - Plastic drum

W - Wooden drum

BULK PACKAGING		
Code	Description	Picture
O	Ring with cable ties = <i>standard packaging</i>	
F	Plastic shrink foil	
T	Plywood drum	
P	Plastic drum	
W	Wooden drum	