

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



### UL3311 & UL3279 EPDM CABLE



### TECHNICAL SPECIFICATIONS

<b>Cable E-file number</b>	E361079
<b>Voltage rating</b>	Max 600 V
<b>Temperature rating</b>	UL3311: -50°C to +90°C
	UL3279: -50°C to +105°C
<b>Cable construction</b>	Stranded bare copper wires Paper separator EPDM outer sheath


### CABLE DESIGN PARAMETERS

AWG	Cross-Section (mm <sup>2</sup> )	No. of wires	Copper Outer Diameter (mm)	Nominal Wall Thickness (mm)	Overall Outer Diameter (mm)	Max. Conductor Resistance @20°C (Ω/km)
#8	8,37	168	3,94	2,03	8,20	2,18
#6	13,30	266	5,16	2,03	9,42	1,375
#4	21,15	429	6,32	2,03	10,59	0,863
#2	33,63	676	7,87	2,03	12,14	0,548
#1	42,41	845	9,27	2,41	14,30	0,436
1/0	53,48	1066	10,24	2,41	15,27	0,344
2/0	67,43	1399	11,63	2,41	16,66	0,277
3/0	85,03	1677	13,21	2,41	18,24	0,219
4/0	107,22	2109	14,22	2,41	19,25	0,174

### ELECTRICAL PROPERTIES

AWG	#8	#6	#4	#2	#1	1/0	2/0	3/0	4/0
<b>Current Rating (A)</b>	80	105	140	190	220	260	300	350	405

Current values in A at ambient T 30°C and maximum conductor T 90°C

<b>PRODUCT CODES</b>			
<b>Per meter</b>			
			
<b>ORDERING CODE</b>	<b>COLOR</b>	<b>SECTION (AWG)</b>	<b>Factory Packaging (standard drum length in ft)</b>
K-UL3311-1/0	Black	1/0	500
K-UL3311-2/0	Black	2/0	500
K-UL3311-3/0	Black	3/0	500
K-UL3311-4/0	Black	4/0	500
K-UL3311-AWG1	Black	1	500
K-UL3311-AWG2	Black	2	500
K-UL3311-AWG4	Black	4	500
K-UL3311-AWG6	Black	6	500
K-UL3311-AWG8	Black	8	500
K-UL3311-1/0-RED	Red	1/0	500
K-UL3311-2/0-RED	Red	2/0	500
K-UL3311-3/0-RED	Red	3/0	500
K-UL3311-4/0-RED	Red	4/0	500
K-UL3311-AWG1-RED	Red	1	500
K-UL3311-AWG2-RED	Red	2	500
K-UL3311-AWG4-RED	Red	4	500
K-UL3311-AWG6-RED	Red	6	500
K-UL3311-AWG8-RED	Red	8	500

**ORDERING CODE FOR BULK**

Example:

**K-UL3311-1/0-250F-0**

Cable: \_\_\_\_\_  
UL3311

Section and color: \_\_\_\_\_





- AWG8 - 8 AWG Black
- AWG8-RED - 8 AWG Red
- AWG6 - 6 AWG Black
- AWG6-RED - 6 AWG Red
- AWG4 - 4 AWG Black
- AWG4-RED - 4 AWG Red
- AWG2 - 2 AWG Black
- AWG2-RED - 2 AWG Red
- AWG1 - 1 AWG Black
- AWG1-RED - 1 AWG Red
- 1/0 - 1/0 AWG Black
- 1/0-RED - 1/0 AWG Red
- 2/0 - 2/0 AWG Black
- 2/0-RED - 2/0 AWG Red
- 3/0 - 3/0 AWG Black
- 3/0-RED - 3/0 AWG Red
- 4/0 - 4/0 AWG Black
- 4/0-RED - 4/0 AWG Red

Length: \_\_\_\_\_

- 025M - 25 meter
- 250F - 250 feet (76,20 meter)
- 500F - 500 feet (152,40 meter)

Packaging: \_\_\_\_\_

- 0 - Ring with cable ties (*standard packaging*)
- F - Plastic shrink foil
- T - Plywood drum
- P - Plastic drum
- W - Wooden drum

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