

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.

# Highly Flexible Twin Cable



### HIGHLY FLEXIBLE TWIN CABLE



### TECHNICAL SPECIFICATIONS


<b>Cable standards</b>	Figure of 8 configuration based on VDE0250 BS EN 60332-1-2, BS EN 62230
<b>Voltage rating</b>	450/750 V
<b>Temperature rating</b>	Flexed: -20°C to +70°C
<b>Cable construction</b>	Class 6 extra flexible copper conductor to BS EN 60228 Insulation: PVC-NBR Transparent PVC (Polyvinyl Chloride) sheath type TM2 according to BS EN 50363
<b>Minimum bending radius</b>	Fixed: 6 x overall diameter

### CABLE DESIGN PARAMETERS

Nominal Cross-Section (mm <sup>2</sup> )	Nominal thickness of insulation (mm)	Nominal thickness of sheath (mm)	Max. Diameter of wires in Conductor (mm)	Nominal overall diameter (mm)	Max. DC Conductor Resistance at 20°C (Ω/km)
2 x 2,5	0,8	0,8	0,21	4,4 x 10,8	7,98
2 x 4	0,8	0,8	0,21	4,7 x 11,4	4,95
2 x 6	1	1	0,21	5,3 x 12,6	3,30
2 x 10	1	1,2	0,21	6,0 x 13,8	1,91
2 x 16	1	1,2	0,21	6,7 x 15,2	1,21
2 x 25	1,1	1,3	0,21	8,1 x 18	0,78
2 x 35	1,1	1,3	0,21	9,1 x 20	0,554
2 x 50	1,2	1,4	0,31	14,6 x 30,6	0,386
2 x 70	1,6	1,6	0,31	16,4 x 34,4	0,27
2 x 95	1,6	1,6	0,31	18,4 x 38,6	0,206

### CURRENT CARRYING CAPACITY (A@60°C)

Nominal Cross-Section (mm <sup>2</sup> )	2,5	4	6	10	16	25	35	50	70	95
<b>Derating factor</b>	32	42	54	73	98	129	158	198	245	292





<b>PRODUCT CODES</b>			
<b>Per meter</b>			
			
<b>ORDERING CODE</b>	<b>COLOR</b>	<b>SECTION (mm<sup>2</sup>)</b>	<b>Factory Packaging (standard drum length in m)</b>
K-ZWI2/2.5GC	Black/Red	2 x 2,5	500
K-ZWI2/4GC	Black/Red	2 x 4	500
K-ZWI2/6GC	Black/Red	2 x 6	500
K-ZWI2/10GC	Black/Red	2 x 10	330
K-ZWI2/16GC	Black/Red	2 x 16	250
K-ZWI2/25GC	Black/Red	2 x 25	170
K-ZWI2/35GC	Black/Red	2 x 35	150
K-ZWI2/50GC	Black/Red	2 x 50	100
K-ZWI2/70GC	Black/Red	2 x 70	100
K-ZWI2/95GC	Black/Red	2 x 95	100

**ORDERING CODE FOR BULK**

Example:

**K-ZWI2/16GC-025M-0**

<p>Cable: _____ Twin cable super flexible</p> <p>Section: _____            2.5GC - 2,5 mm<sup>2</sup>            4GC - 4 mm<sup>2</sup>            6GC - 6 mm<sup>2</sup>            10GC - 10 mm<sup>2</sup>            16GC - 16 mm<sup>2</sup>            25GC - 25 mm<sup>2</sup>            35GC - 35 mm<sup>2</sup>            50GC - 50 mm<sup>2</sup>            70GC - 70 mm<sup>2</sup>            95GC - 95 mm<sup>2</sup></p> <p>Length: _____            025M - 25 meter            050M - 50 meter            100M - 100 meter</p> <p>Packaging: _____            0 - Ring with cable ties (<i>standard packaging</i>)            F - Plastic shrink foil            T - Plywood drum            P - Plastic drum            W - Wooden drum</p>	
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<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	