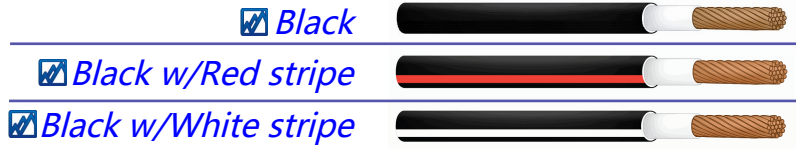




## Bentek UTility Scale - 2KV PV Wire: #6 AWG Class 5 / 102 strand

### COLOR OPTIONS:



Description	
High strand count to maximize flexibility and minimize bend radius	
Non-Halogen cable for 1000V/2000V Photovoltaic Power Systems	
Tinned Copper conductors with Low Smoke Density and Direct Burial cover	
Expected design life of 35 years	
Striped wire is fade resist (as compared to solid red or white wire)	
Contains a minimum of 2% Carbon for UV protection	
Ratings: UL44, UL854, UL1851, UL2556, UL4703 / RoHS 2011/65/EU	
CSA C22.2 No. 271 / CSA C22.2 No. 38	
Construction	
Conductor	Stranded Tinned Copper
Size	6AWG
Stranding	102/0.40mm (0.016 in)
Diameter	4.6mm (0.181 in)
Inner Layer	XPLE
Minimum Average Thickness	1.39mm (0.055in)
Color	White
Outer Layer	XPLE
Minimum Average Thickness	1.14mm (0.045in)
Color	Black or Black w/stripes
Diameter	9.8 +0.2mm (0.386 +0.08 in)
Electrical Characteristics (@ 20°C)	
Voltage Rating	
UL 4703	1000V, 2000V
CSA C22.2 No. 271	1000V, 2000V
Insulation Resistance	≥ 1000 MΩ.km (3280GΩ.ft)
Voltage Withstand	7500 VAC
Conductor DC Resistance	≤ 1.43Ω/km (0.436Ω/kft)
Other Characteristics	
Bending Radius	
Dynamic	≥ 5 x OD
Static	≥ 4 x OD
Flammability	VW-1
Working Temperature	105°C dry, 90°C wet