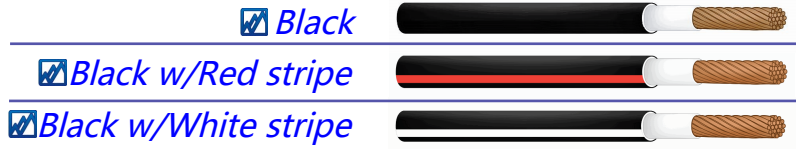




Bentek UTility Scale - 2KV PV Wire: #10 AWG / 19 strand

COLOR OPTIONS:



Description	
Non-Halogen cable for 1000V/2000V Photovoltaic Power Systems	
Bare 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 Bare Copper
Size	10AWG
Stranding	19/0.595mm (0.023 in)
Diameter	2.97mm (0.117 in)
Inner Layer	XPLE
Minimum Average Thickness	1.14mm (0.045in)
Color	White
Outer Layer	XPLE
Minimum Average Thickness	0.76mm (0.030in)
Color	Black or Black w/stripes
Diameter	6.79 ±0.2mm (0.267 ±0.008 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	6000 VAC
Conductor DC Resistance	≤ 3.41Ω/km (1.04Ω/kft)
Other Characteristics	
Bending Radius	
Dynamic	≥ 10 x OD
Static	≥ 8 x OD
Flammability	VW-1
Working Temperature	105°C dry, 90°C wet

Ask us about our Twin Cable, same wire as above but pull both polarities at the same time!

