

DESCRIPTION

6AWG Bare Copper Non-Halogen UL 600V

STANDARDS

UL 44, UL 854, UL 1581, UL 2556, UL 4703
ROHS 2011/65/EU

CABLE CONSTRUCTION



Conductor	Stranded Bare Copper
Size	6AWG
Stranding	19/0.95
Diameter	4.8mm
Inner Layer	XLPO
Minimum Average Thickness	1.14mm
Color	White (RAL9003)
Outer Layer	XLPO
Minimum Average Thickness	1.14mm
Color	Black (RAL9005)
Diameter	9.6±0.3mm

ELECTRICAL CHARACTERISTICS (at +20°C)

Voltage Rating	
AC	600V
Working Temperature	105°C DRY, 90°C WET
Insulation Resistance	≥ 1000 MΩ.km
Spark Test	10000 VAC
Voltage Withstand	4000 VAC
Conductor DC Resistance	≤ 1.35 Ω/km

OTHER CHARACTERISTICS

Dynamic	≥ 10 X OD
Static	≥ 15 X OD
Flammability	VW-1

PRINT LEGEND

BYSON ELECTRONICS 6AWG BC E331483 (UL) PV WIRE 105°C DRY 90°C WET 600V SUN RES -40°C DIR BUR

HISTORY

Feb 4, 2017 First issue

Draft