

DESCRIPTIONS

PV 10AWG Bare Copper Non-Halogen UL 2000V

STANDARDS

UL 44, UL 854, UL 1581, UL 2556, UL 4703 File No.:E470608

ROHS 2011/65/EU

CABLE CONSTRUCTION

Conductor	Stranded Bare copper
Size	10AWG
Stranding	75/0.3±0.01mm (11.81±0.39mils)
Diameter	2.95mm (116.1mils)
Primary Insulation	XLPE
Minimum Average Thickness	1.14mm(45mils)
Color	White
Secondary Insulation	XLPE
Minimum Average Thickness	0.76mm(30mils)
Color	Black / RAL 9005
Outer Diameter	6.80±0.20mm (267.7±7.9mils)

ELECTRICAL CHARACTERISTICS

Voltage Rating	
UL 4703	2000V
Rated Temperature	-40°C up to 90°C
Spark test	10000 VAC
Voltage Withstand	6000 VAC
Current Carrying Capacity At 30°C	55A
Conductor Resistance AT 20°C	≤ 3.41 Ω/km

OTHER CHARACTERISTICS

Bending Radius	
Dynamic	≥ 5 X O.D.
Static	≥ 4 X O.D.
Ozone resistant	UL 2556
Weathering/UL resistance	UL 2556
Flame retardant	VW-1

PRINT LEGEND

(UL) E470608 PV WIRE 10 AWG 90°C DRY OR WET 2000V SUN RES -40°C NINGBO KIBOR WIRE & CABLE CO.,LTD.

PACKAGING

- a) 10000TF/Spool
- b) Consulting if delivering in other ways.

Signature:

Date: