

## DESCRIPTIONS

16mm<sup>2</sup> Tinned Copper Non-Halogen TÜV 1000V

## STANDARDS

IEC 60228, IEC 60332-1-2, IEC 60754, IEC 60811-2-1, IEC 61034, IEC 61215  
 TÜV 2PFG 1169  
 ROHS 2011/65/EU

## CABLE CONSTRUCTION



Conductor	Stranded Tinned Copper
Size	16mm <sup>2</sup>
Stranding	126/0.40
Diameter	5.8mm
Insulation	XLPE
Nom. Thickness	0.75mm
Color	White (RAL9003)
Jacket	XLPE
Nom. Thickness	0.75mm
Color	Black (RAL9005)
Diameter.	8.9±0.3mm

## ELECTRICAL CHARACTERISTICS (at +20°C)

Voltage Rating	
AC	U0/U: 0.6/1kV
DC	U:Max.1.8kV
Insulation Resistance	≥ 1000 MΩ.km
Spark test	10000 VAC
Voltage Withstand	6500 VAC
Conductor DC	≤ 1.24 Ω/km

## OTHER CHARACTERISTICS

Bending Radius	
Dynamic	≥ 5 X O.D.
Static	≥ 4 X O.D.
Flammability	IEC 60332-1-2
Working temperature	-40°C ~ 90°C
Max. temperature at conductor	120°C

## PRINT LEGEND

△ BYSON ELECTRONICS TÜV 2PFG 1169 16mm<sup>2</sup> PV1-F WIRE ROHS & LSZH

## HISTORY

Jun. 24, 2013	First issue	Draft
Jul. 18, 2014	Optimized file	V0
May 13, 2015	Optimized file	V1
Apr. 13, 2016	Optimized file	V2