

## DESCRIPTIONS

4mm<sup>2</sup> Two Cores Tinned Copper Non-Halogen TÜV 1000V

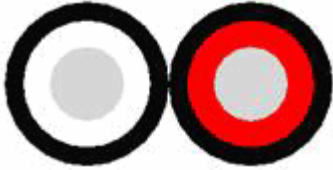
## STANDARDS

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	4mm <sup>2</sup>
Stranding	52/0.30
Diameter	2.4mm
Insulation	XLPE
Nom. Thickness	0.58mm
Color	White-Red
Jacket	XLPE
Nom. Thickness	0.58mm
Color	Black-Black
Diameter.	4.8*9.8±0.4mm

## ELECTRICAL CHARACTERISTICS (at +20°C)

Voltage Rating	
AC	U <sub>0</sub> /U: 600/1000V
DC	U: Max. 1800V
Insulation Resistance	≥1000 MΩ.km
Spark test	10000 V
Voltage Withstand	6500 V
Conductor DC	≤ 5.09 Ω/km

## OTHER CHARACTERISTICS

Bending Radius	
Dynamic	≥ 8 X O.D.
Static	≥ 6 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 4mm<sup>2</sup> PV1-F WIRE ROHS & LSZH

## HISTORY

Jun. 4, 2012	First issue	Draft
Oct. 15, 2012	Optimized file	V0
Apr. 19, 2013	Optimized file	V1
May 19, 2013	Optimized file	V2
May 23, 2014	Adjust cable OD.	V3