

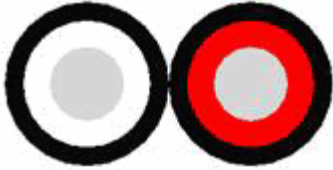
## DESCRIPTIONS

2.5mm<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	2.5mm <sup>2</sup>
Stranding	47/0.25
Diameter	2.0mm
Insulation	XLPE
Nom. Thickness	0.58mm
Color	White-Red
Jacket	XLPE
Nom. Thickness	0.58mm
Color	Black-Black
Diameter.	4.36*8.95±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 VAC
Voltage Withstand	6500 VAC
Conductor DC	≤ 8.21 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 2.5mm<sup>2</sup> PV1-F WIRE ROHS & LSZH

## HISTORY

Jun. 29, 2012	First issue	Draft
Jan. 14, 2015	Optimized file	V0