

## CERTIFICATE OF PROPERTIES

# Cold cable 1.5 mm<sup>2</sup> and 2.5 mm<sup>2</sup>

## PRODUCT

Teflon insulated, PVC insulated wire (double insulation type)

Stranded tinned annealed copper conductors, teflon 1st insulation, special PVC 2nd insulation

## APPLICABLE HARMONIZED STANDARDS

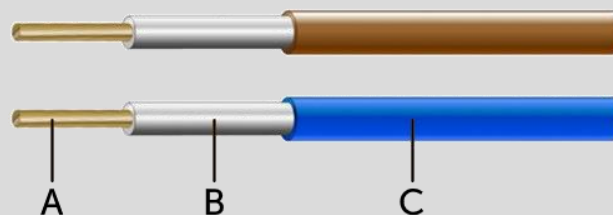
UL 758

UL 1581

IEC 60332-1

## MATERIAL AND CONSTRUCTION

<b>A) Conductor</b>	Tinned annealed copper	ASTM B33, ASTM B8 class C
<b>B) 1st insulation</b>	Teflon	Transparent colour, 0.3 or 0.32 mm
<b>C) 2nd insulation</b>	Special PVC	Brown / blue colour, 0.4 or 0.6 mm



## ELECTRIC PROPERTY OF CABLE

Item	Unit	Character value		Test condition
Conductor resistance	$\Omega/\text{Km}$	1.5 mm <sup>2</sup>	13.30 less	In air
		2.5 mm <sup>2</sup>	7.98 less	
Insulation resistance	$M\Omega/\text{Km}$	1.5 mm <sup>2</sup>	1000 more	In air
		2.5 mm <sup>2</sup>	1000 more	
Potentials voltage	V/min	Enduring for under 2,000 V		In air
Spark voltage	V/continue	NG will not happen under 4,000 V		In air

## PHYSICAL PROPERTY OF CABLE

Item	Unit	Character value	Test condition
Temperature rating	°C	-10 to 80 °C	-
Flame test	-	Max. 60 sec.	IEC 60332-1
Heat shock test	°C	No crack	121 °C/hr
Spark voltage	°C	No crack	-20 °C/hr