

# Wire Connector

Tinned Annealed Copper Wire / Polyvinyl Chloride Insulation  
(Complies with BT Specification CW1321 – Wire Connector 12000)



BRITISH CABLES COMPANY

## Wire connector 12000

### Application

This product is robust PVC insulated tinned copper annealed wire, available as a single wire, a twisted pair, twisted triple, twisted quad or twisted quintuple. It is intended for use with Insulation Displacement Connectors (IDC) when they are fitted to distribution frames in customer' premises.

### Product description

#### Conductors;

Tinned annealed solid copper wire, 0.5mm nominal diameter.  
Compliant with IEC Publication 60344

#### Insulation:

PVC insulation, compliant with TI 54 in BS EN 50290-2 part 21,  
maximum diameter 1.09mm

#### Colours:

See Colours for insulation below

### Electrical properties

#### Conductor resistance:

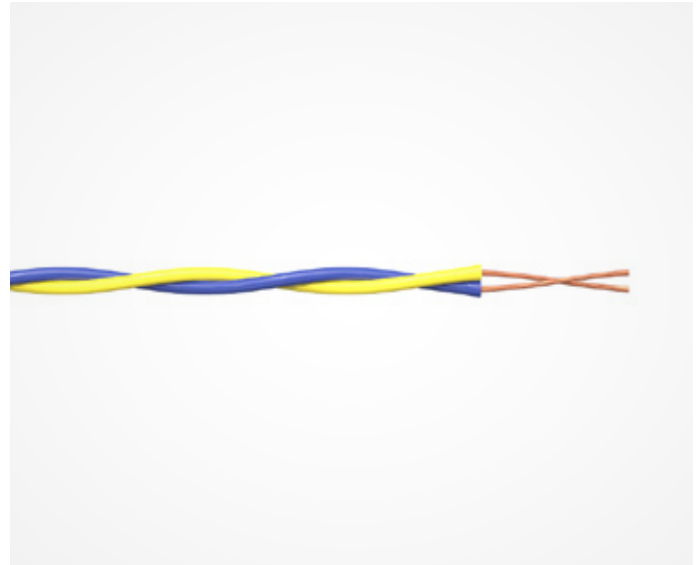
98.0Ω/km Maximum

#### Insulation resistance:

Insulation resistance measurements shall be made with not less than 500 volts D.C. After steady electrification for one minute the insulation resistance measured between each conductor and the remaining conductors connected together shall be not less than 50 MΩ when measured over a length of 1000 metres at 20°C

#### Spark test:

The wires shall be spark tested at 10kV dc or 6kV rms in accordance with BS6004 or by an alternative method of equivalent sensitivity



### Colours for insulation:

a-wire	b-wire
BLUE	YELLOW



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