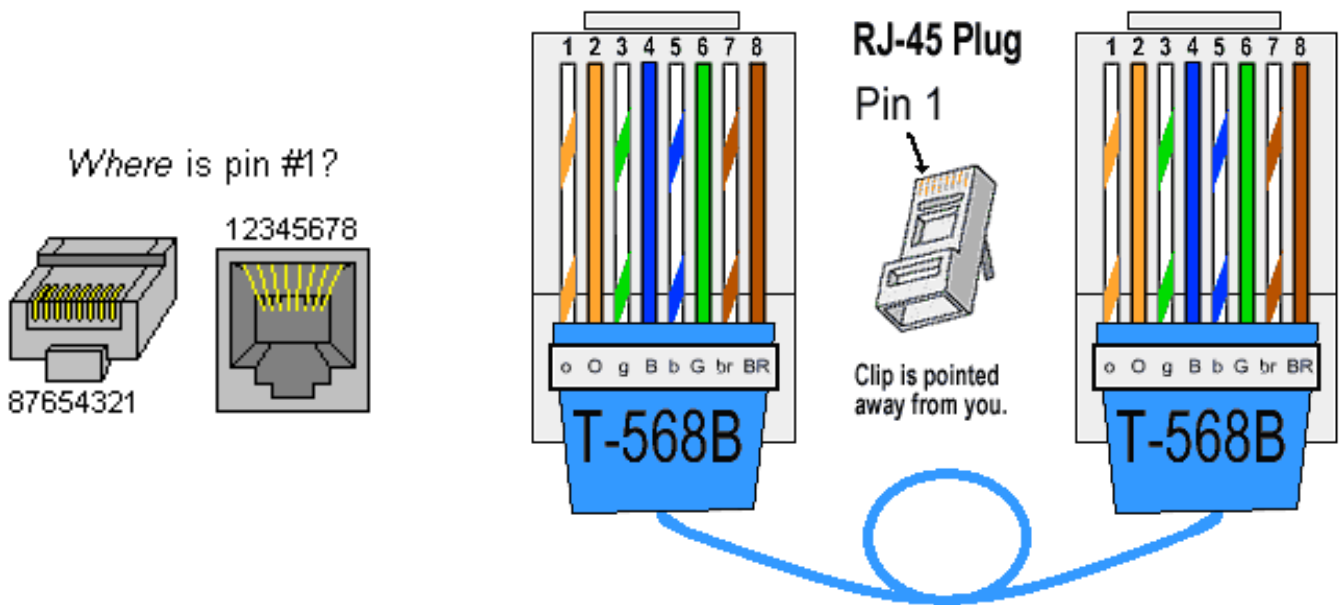


# Network Cable Wiring Diagram

**Important:** It is very important that any network cables are made as per the cable standard. If you do not have experience or a good understanding of cabling then please seek the assistance of a qualified professional such as a Licenced Cabler or Electrician.

Network cables must be as per the network cable standard T568A or T568B so you may get the correct data connection, maximum distance and reliability. We strongly recommend the T568B pin-out be used on both ends of any network cable. We also recommend testing any cable you have made with a Network Cable Tester prior to use. Please see below:

## RJ45 Plug Pin-out:



## T568B Pin-out Explanation:

RJ45 Pin #	Wiring Colour	Wiring Diagram	10/100Base	1000Base
1	Orange/White		Transmit+	BI_DA+
2	Orange		Transmit-	BI_DA-
3	Green/White		Receive+	BI_DB+
4	Blue		POE	BI_DC+
5	Blue/White		POE	BI_DC-
6	Green		Receive-	BI_DB-
7	Brown/White		POE	BI_DD+
8	Brown		POE	BI_DD-