

**Ethernet Cable  
Colour – Code Standards  
&  
Methods of Crimping**

**The 8 Position 8 Contact  
(8P8C)  
modular plugs and jacks  
are communications connectors**

**These connectors are often referred to as  
RJ 45 Plugs and Jacks**

**Understand the**

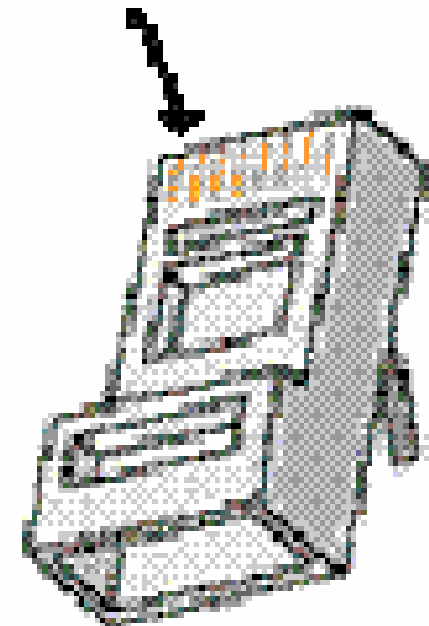
**RJ 45**

**Connector**

**Identify The Pin 1**

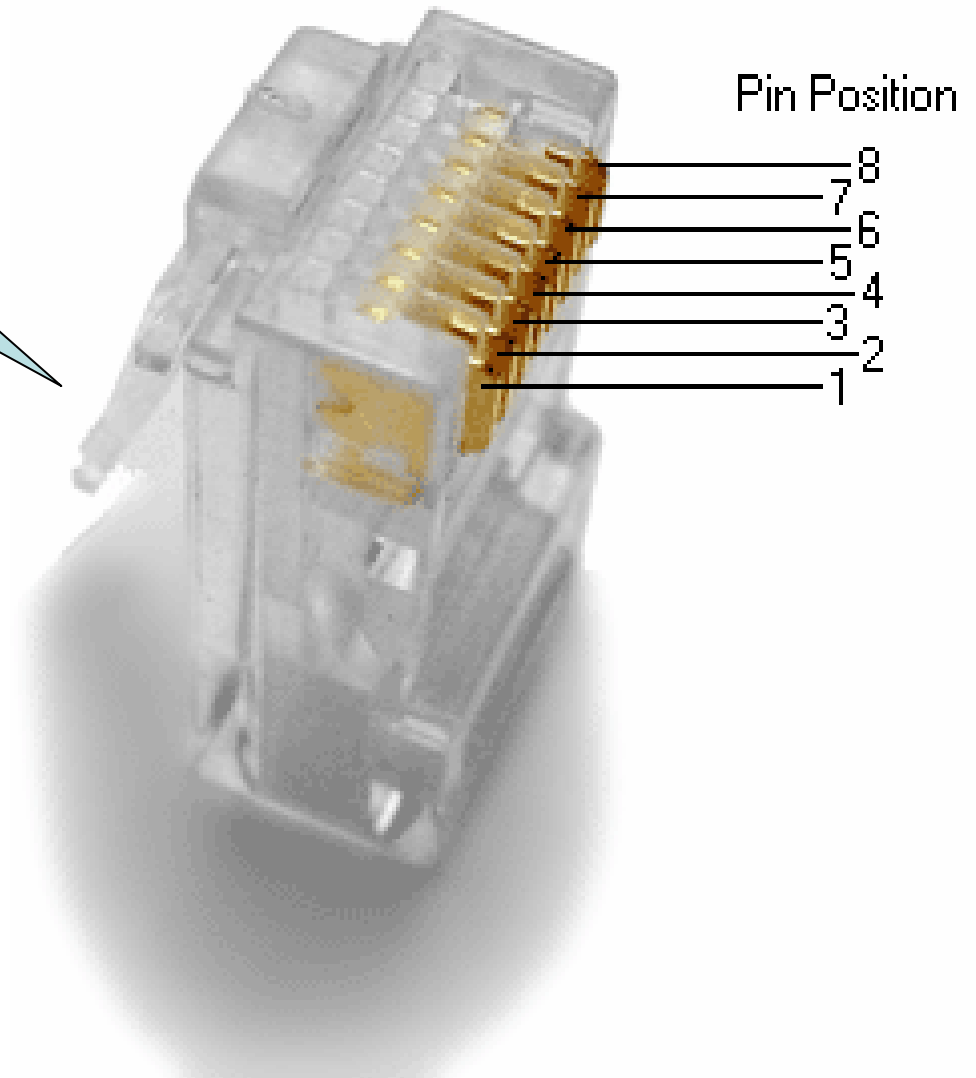
**RJ-45 Plug**

**Pin 1**

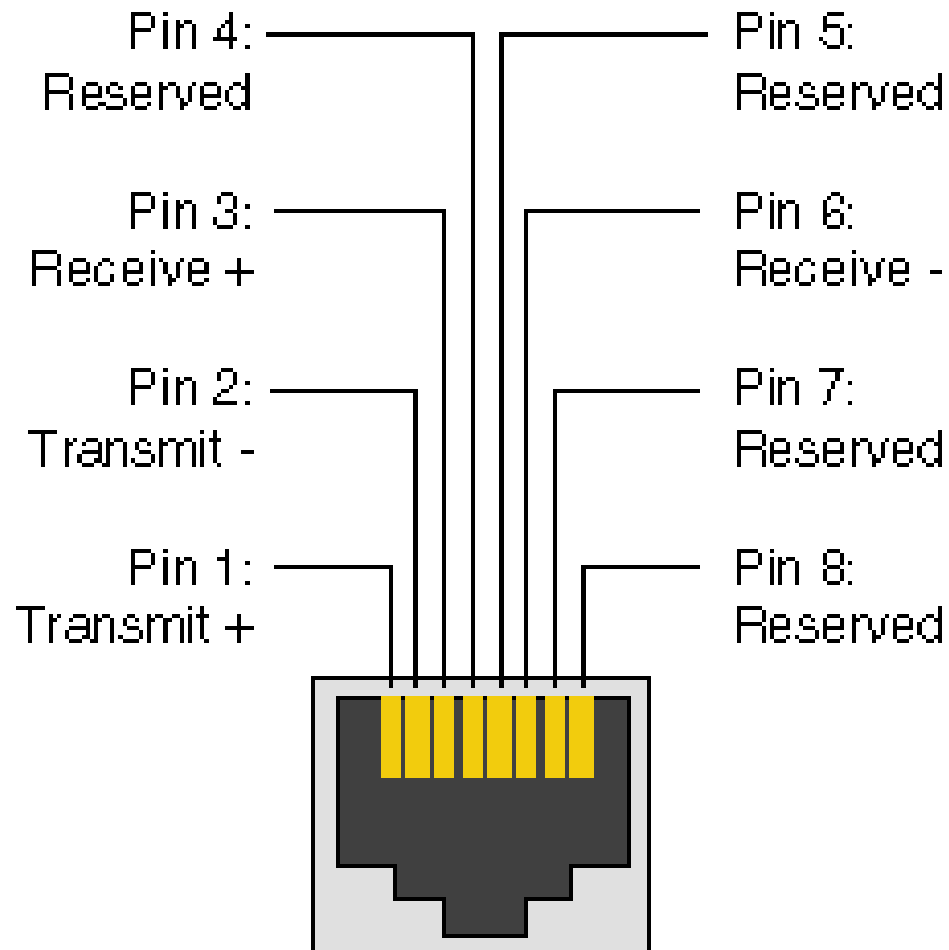


**Clip is pointed  
away from you.**

**RJ - 45  
Connector**

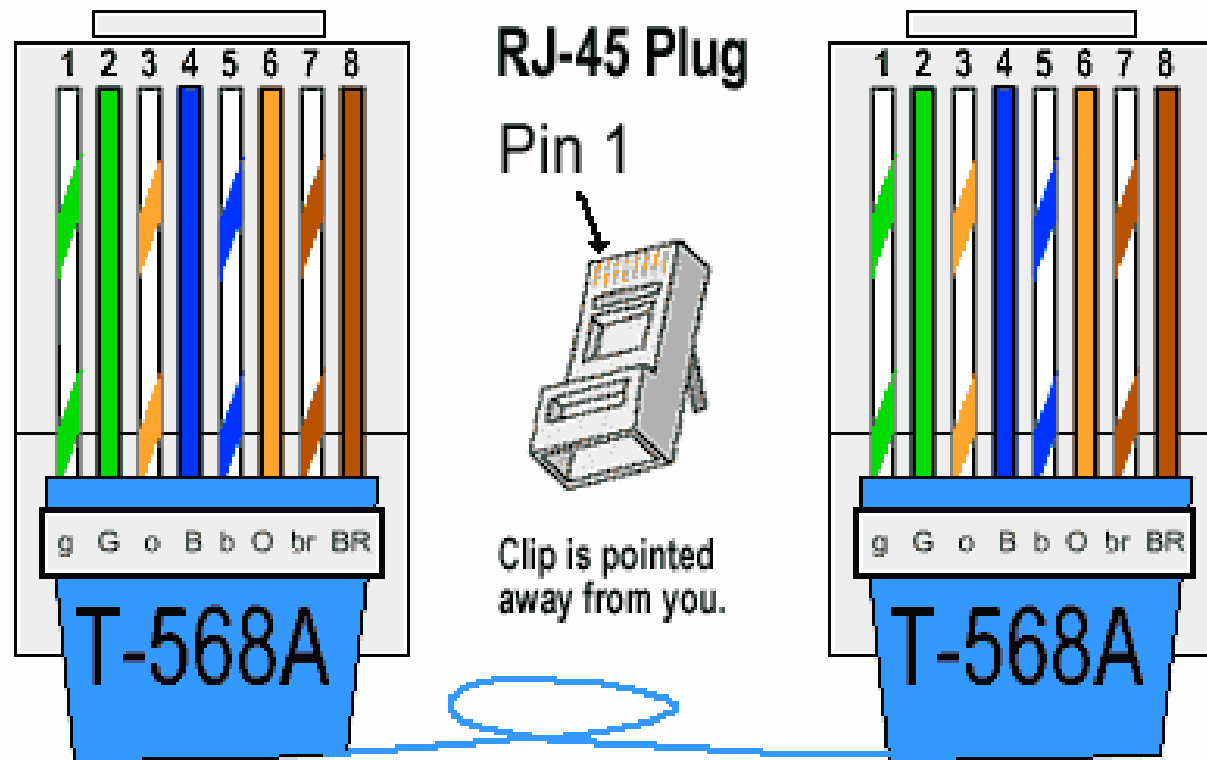


# RJ - 45 PINS



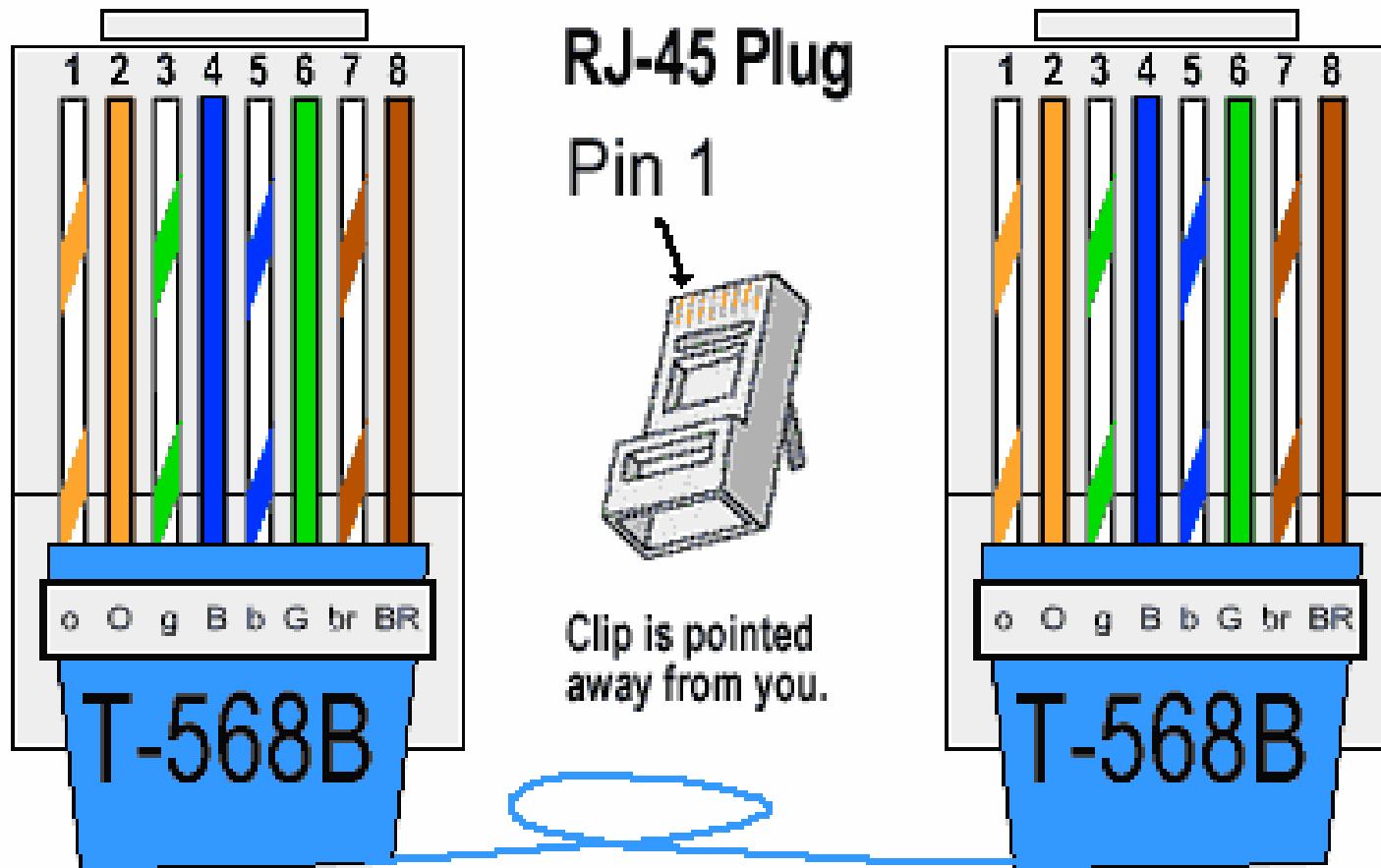
# T-568A

## Straight-Through Ethernet Cable



# T-568B

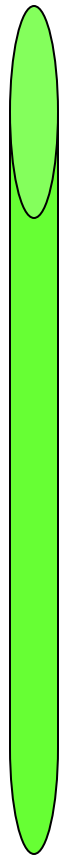
## Straight-Through Ethernet Cable



# T-568A Pin Out



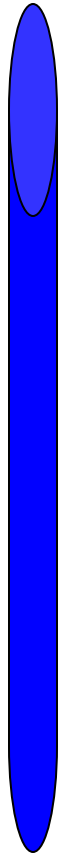
**g**



**G**



**o**



**B**



**b**



**O**



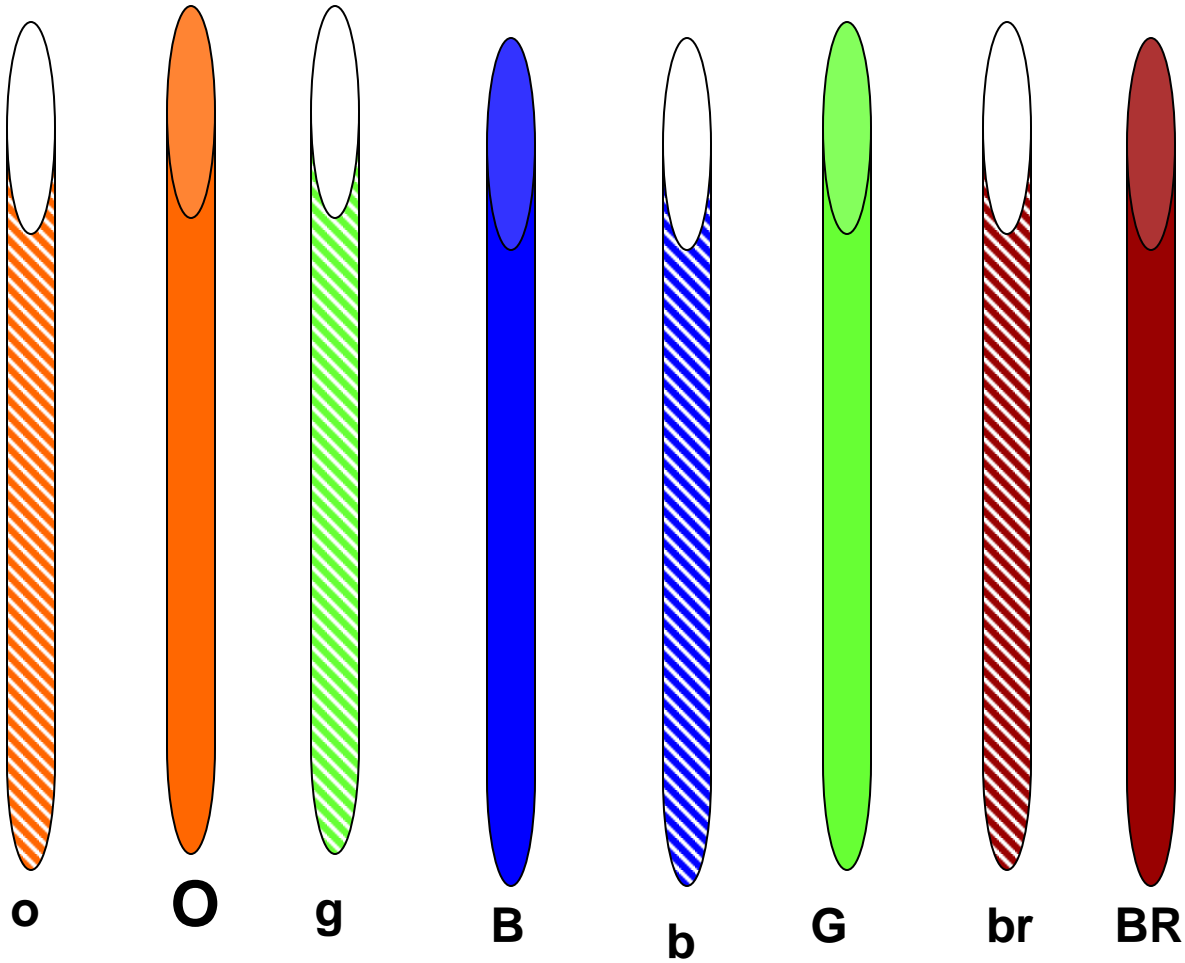
**br**



**BR**

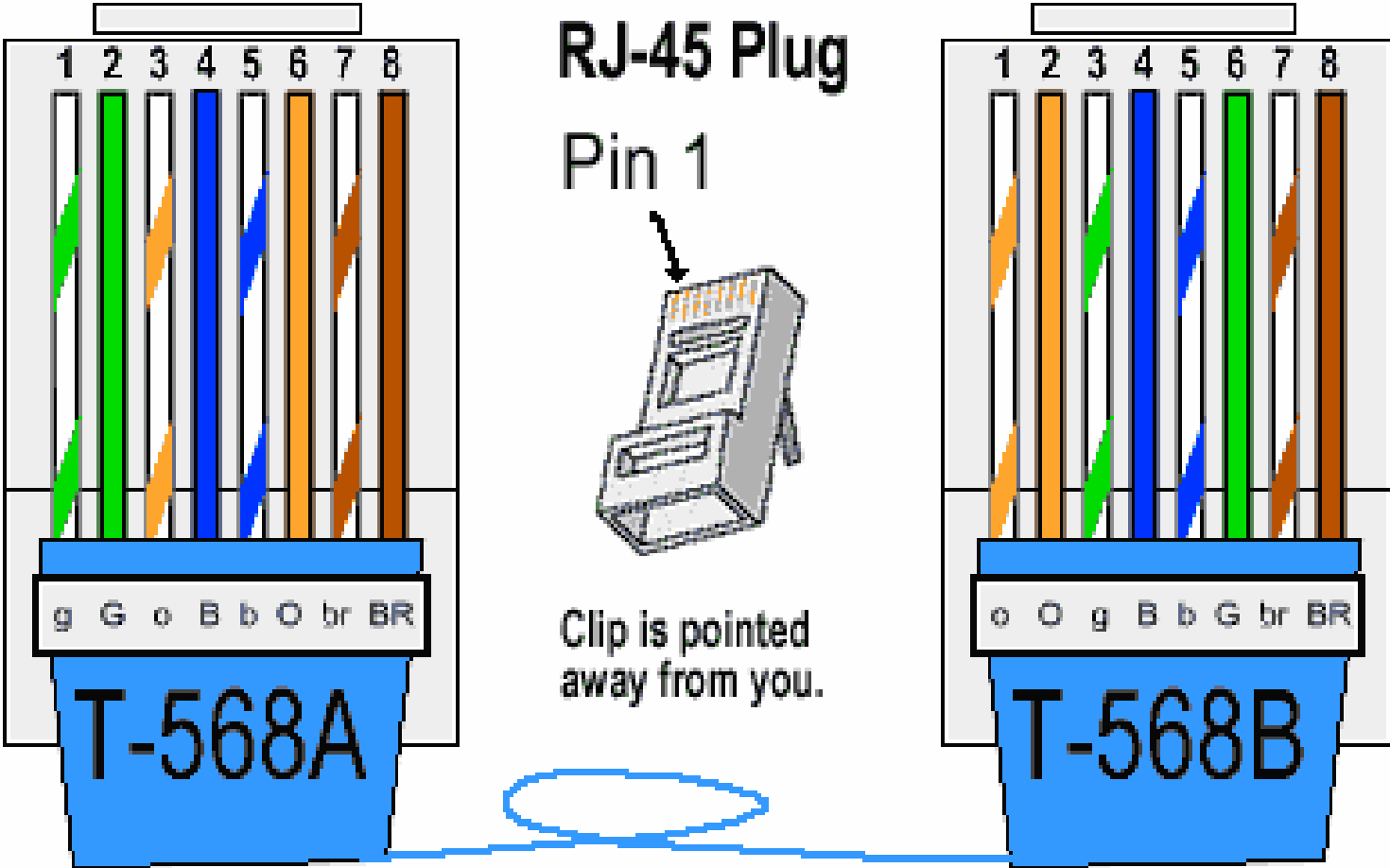


# T-568B Pin Out

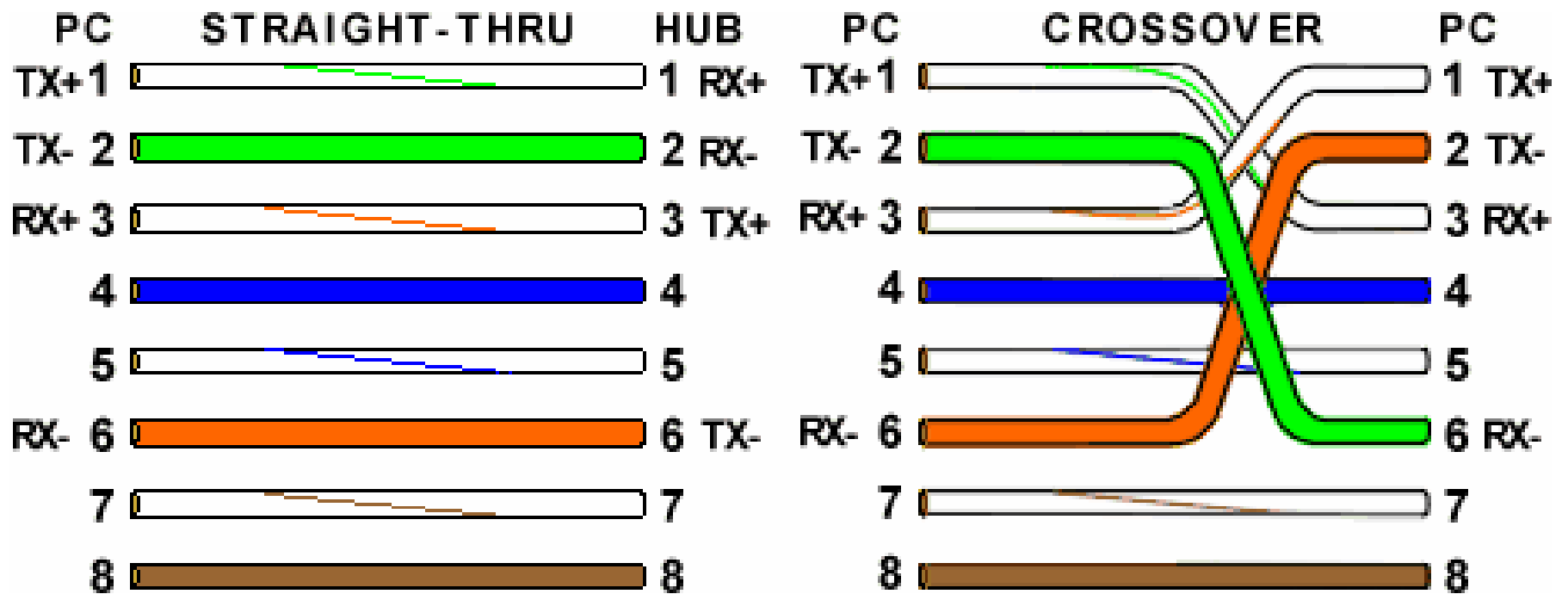




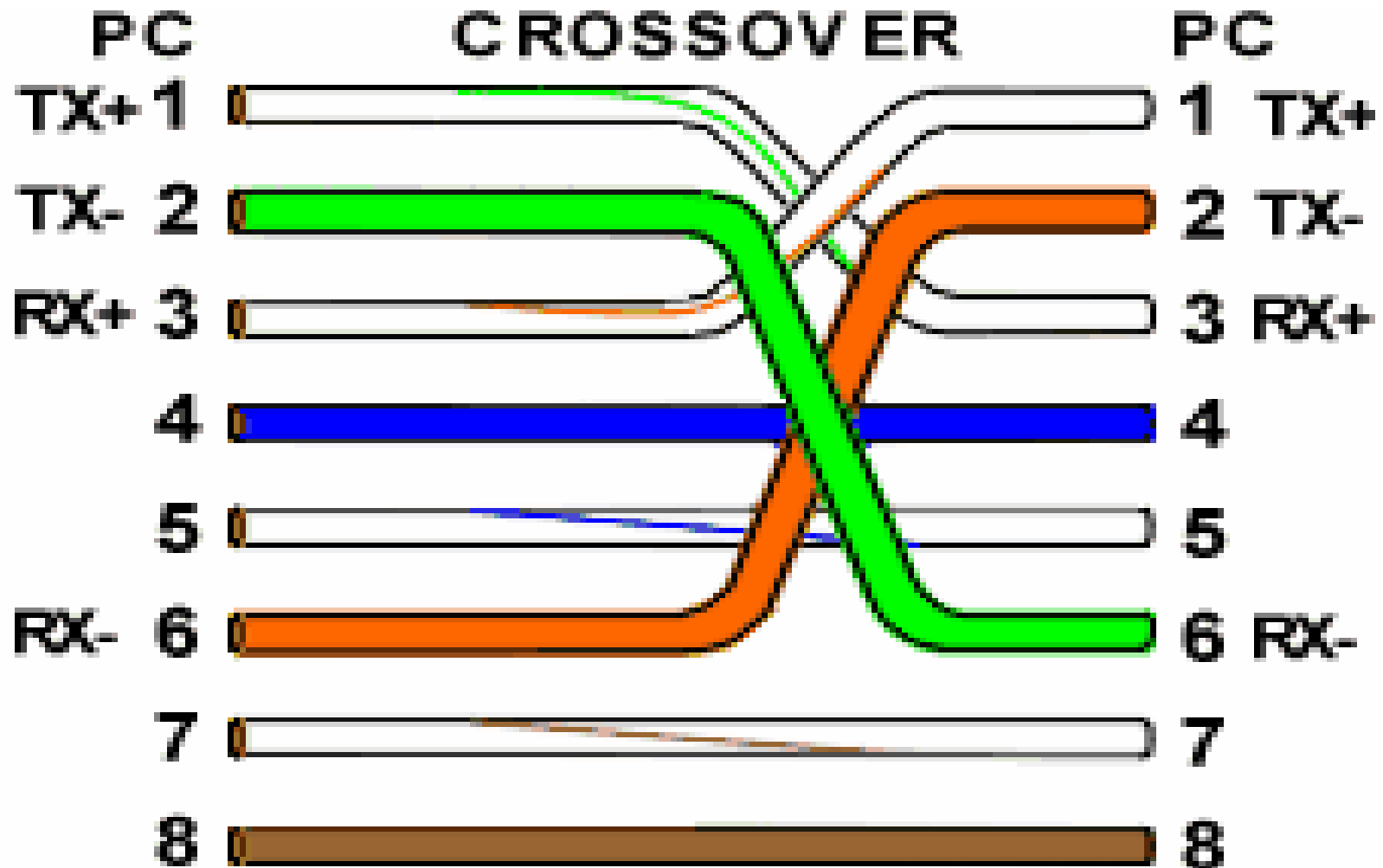
# RJ-45 Crossover Ethernet Cable



# Basic Theory



# Cross Over Crimping



# In a Nutshell

Switch the Green set of wires in place with the Orange set of wires

**Provided**

**You Keep The Colour Coding Standards**

**T – 568 A**

**Or**

**T – 568 B**

**For More Details Visit**

**<http://www.incentre.net/incentre/frame/ethernet.html>**