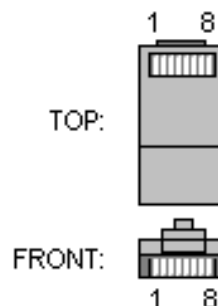
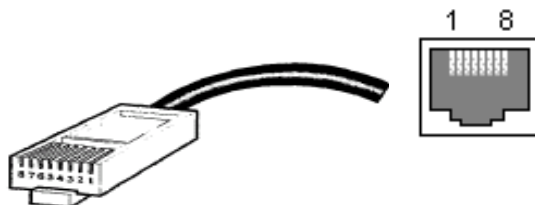


# INTERLAB

Tel: +331 3971 7337 – Fax: +331 3928 9008

## RG45 ETHERNET Connection pinout and color standards



Location of pin #1

## RG45 ETHERNET STRAIT and CROSS OVER pinout

RJ-45 PIN ASSIGNMENT		Cross over	
Color	Contact #	Media direct interface signal	addressing
Green + white	1	Tx+ transmit	3
Green	2	Tx- transmit	6
orange + white	3	Rx + receive	1
blue	4	Not used	4
blue + white	5	Not used	5
orange	6	Rx - receive	2
brown + white	7	Not used	7
brown	8	Not used	8

CAT-5 4 twisted pairs cable

Doc: Interlab  
 RJ45\_ethernet\_pin\_color\_codes  
 Date: 09.07.2003 Rev1.1