



LESTER B. PEARSON
Pearson Electrotechnology Centre

LAB 2

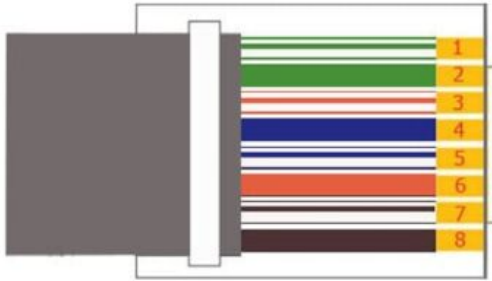
Connecting

Module 20

Connection to the Telephone Network

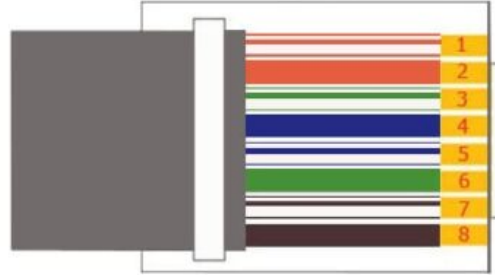
790495

T-568A



1.White Green
2.Green
3.White orange
4.Blue
5.White blue
6.Orange
7.White brown
8.Brown

T-568B

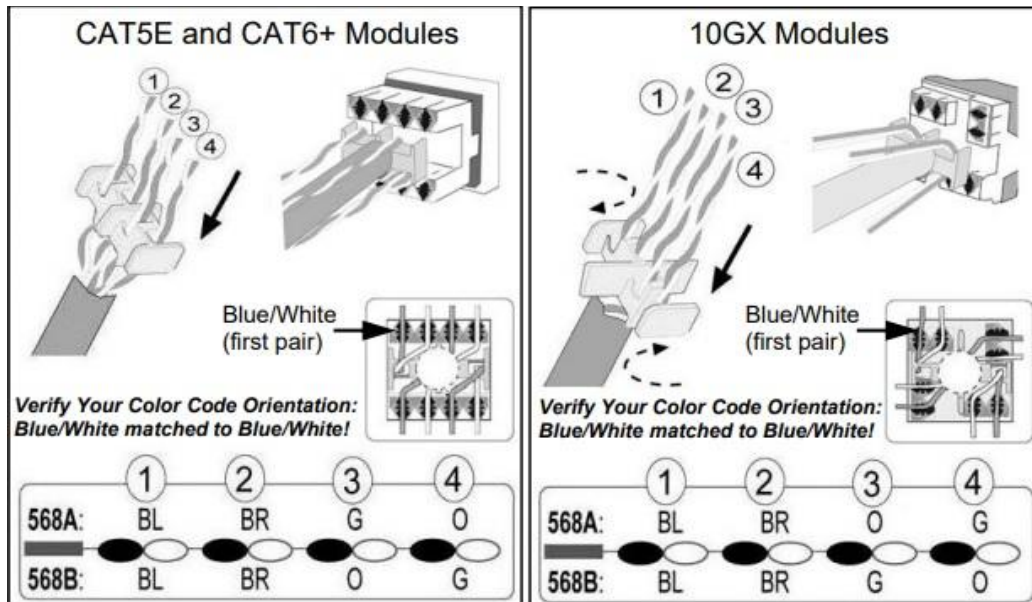


1.White Orange
2.Orange
3.White Green
4.Blue
5.White blue
6.Green
7.White brown
8.Brown

Part 1

Make 1 patch cord using T-568A (Canada/Europe)

Make 1 patch cord using T-568B (USA)



Part 2

Install 1 10GX Belden connector

Install 1 Giga flex Belden with T-Bar



Part 3

Install 2 face plates in your cubicle

Punch your 2 cables in the patch panel.

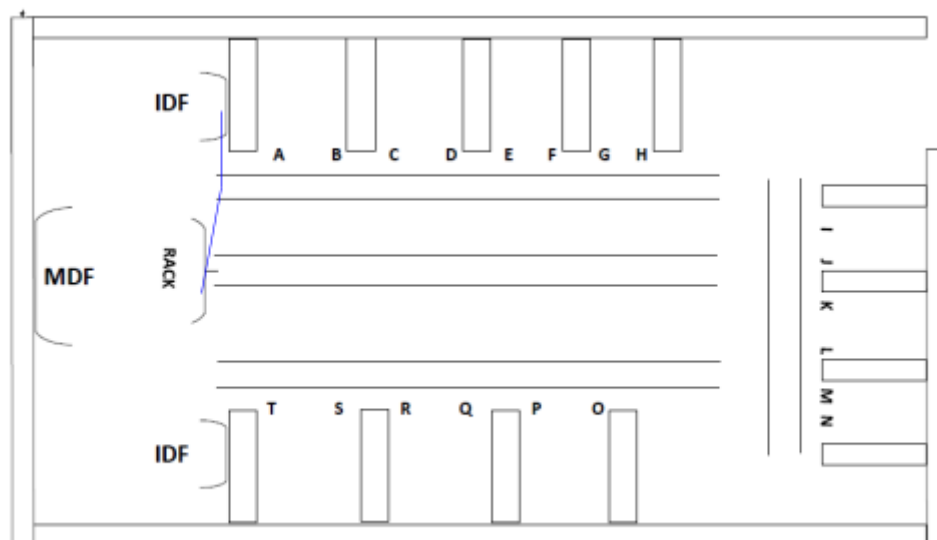
Part 4

Connect the 2 cables coming from your cubicle in the GigaBix connector



Part 5

Install one cable from the IDF to the Rack



Part 6 - Network Test

Using the Fluke IQ Qualification Tester test the performance of the permanent link



Fluke IQ Qualification Tester (10 points)	Test Result	
	Pass	Fail
1000BASE-T	☐	☐
100BASE-T	☐	☐
10BASE-T	☐	☐
VoIP	☐	☐
Wiremap Only	☐	☐

Part 7 - Telephony

Using the 25 pair and the connect 1A choose any pair from the IDF to connect you phone cable.



From MDF the cross-connection using the same pair you used in the IDF.

