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STUDY OF NETWORK COMPONENTS

AIM!-

To Study different types of Network caples and understand their applications.

a) DIFFERENT TYPES OF NETWORK CABLES!

Unshielded Twisted Pair (UTP) cable

Advantage: 
Cheaper in cost

Sacy to install

Die Advantage: -

More prone to (Emi) Electromagnetic interference and noise

Applications: - 10 Base - T Ethernet, fast struenet.

2. Shielded Tristed Pain Cable (877).

Advantage: Faster than UTP

Its Advantage: - Expensive

Application: - Gigabit Internet

3. Coaxial cable:

Advantage: High band width.

DisAdvantage: dimited Distance

Application: High speed internet connection

4. Pibre Optics cable

Advantages: - High speed Dis Advantages: Expensive

Application: - Maximum distance of Sibre

b) Make your own I thank cross-over cable:

Step 1:- Start construction of device. Begin By tracading shields.

Step 2: - Strip 1.5 cm of cable shielding from both ends.

-Step 3: - Untangle the wiver, should be twisted Pain

Step 4: - once order is correct, bunch them in a line and if there are any stick.

Stop 5: - Neax t pun the cable organt in. The end of the plug needs to be gut ova the cable shielding.

Step 6: - After the wises are securely sitting inside the plug , insert it into the company tool and put down.

Step 7:- Repeat for the other end using diagram B (to make a coss, over cables)

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RESULT:To test it, plug it in and attempt
to connect two device directly

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