Exposiment 2 Date: 83-7-24

Study of dyferent type of Network.
Cables

Theory

Different Cables

- 1) Unshielded twisted pain (UTP) cable
- 2) 8 heilded Twisted pain (STP) cable
- 3) Coarual Cable
- 4) fibou optic cable

Cables

1.UTP

Category 3.

* Maximum date transmission - 10bps

Category 5

Cartegory 50 Cartegory 50

* maximum data townsmillion -wasps

Advantages

+ Cheaper

easy to mirall.

Application

+ 10 Base - T Ethanet

+ Fast Elhonnet, Gigabil Elhounel

2.37P, 937P

Category 6,6a
maximum data townsmission - 109 bps
Category 7
maximum data townsmission - 109 bps

Advantages

- + Shielder
- * faster than UTP
- + Less succeptibles to noise

Disadvantages

- * Expensive
- + greater installation effort

Application

- + gigabit Othernot
 - + 10g (Heiner (STP) 55m
- * 10 G Ethanet (100m) SSTP

3. Coarial Cable

Category RG1-6, RG1-59, RG1-11
mancimom data transmission - 10-100MbB

Application

- + television netwoods
- & high speed interest connection

Advaratages

- # High bandwidth
- & monor to interference

Disadvan lages * limited distance 4. Fibre Ophic cable Joan saction maximum data loogbps Advantages + High speed * high bornd width * high decounty Disaduan lage * empersive * requires skilled installer Application * maximon distance of optical cable is ascound STP UTP 387P Paux Shield Braided -outer jacket DESE JOCKEL Broided Cable * conta oules & RESULT the different type of network cable Studied been