3/8/24

STUDY OF CABLES

AIM: To undowtand the different types of cables

(i) UTP (Unshalded Twisted Pais) (i)STP (Sheilded Twisted Pain) Lii) Coasial Cable (ii) Fibro optic cable

WIP I would be to make who provide

Category 3

* 10 mbps Date toansmission

Advantages:

* Cheaper

* Easy to Intall

Disadvantages:

* Hore prove to EM,

Category 5

* Upto 100 mbps Tata toransmission

uses: * Fast Ethornet, brigabit Ethornet

Category 50

or 1 Grbps Data transmission

Fartest Ethornet, big abit

Ethornet.

SIP 2. Category 76, 6a of 106bps Data torarmission * Orgabit Etromet, 106 Ethernet uses

SSTP ... Was Not 3. category 7 * 10016ps Data Loransmission wes

> & Origabet Ethornot, 106 Ethornet Advantages

* Shielded, faster than UTP Diradvantago

* Expensive

Coaxial Cable * RG-6, RG-59, RG-11 Category & 10-100 Maps Data transmission cells usespect of the solid * Television notworks * High speed Intervet connection

> as making Test to a will the

the Futers HAROURT . Des abid

You was Will

Fibro optical Cable ? * Single mode and multimode category # 100 Gbps Data townsmission Uses * * Maximum distance of fibre optic cable is around 100 metros Advantages * High Speed * High Bardwidth * Expensive Disadvantage * Require skilled intallation. steps: 19 start construction of donce, posis to threating wild onto Thep = 1 was staip appropriately + 500 of carlo spelding from both ods: i'm curred has a now of green complete the toph. steps: type, you will need to wangle the wise, How hould be one Knished prime experiency book to the short assume from top in kation, and and who and acceptant it ad each other it sh