Cable Type Category Max Adv/Disadv Applicate Aim Study of different types of restweek onbles Contigory 5 Upto 100 Chap

Contigory 5 Upto 100 install

Made 4 Fibre Ophic Coble a) Undownand different types of naturant cold Different type of cables used in notworking Category 3 10 bbs Advs 2 Shielded Twisted Pain (STP) 3 Coaxial Cable Undrielolod Twisted Pain (UTP)

(dagony 50 1 hbbs

to EMI

Perso ocon o

Category 6, 6a 10hrbps

Adv

Gb Elhanot

· Fastless Han (55 m)

to nouse data control

Office cable Cable SSTP Single made R6-49 Category 7 106hbps 1006 bbs 2001-01 Adv

Bygh Speed

High Showity

High Shunity

High Shunity

Brady

Reguma skulled

Reguma skulled

Reguma skulled o High BW
Trayone to
interference
o Low loss
BW

Disacly
o Limited distance
o Cost
o Cost NA. o brigator installed in Disadu Teleman network High Speed internet 676 Ethorial, 10 by Ethorial, (100 m) Speed of Signal is Maximum district cable is about 1000

- b) Make your own Ethornal Gross over lable 15 braight

 o Ethornal cabby. CATSE is worthed for gigobil support, but

 OPTS Cabby works as well just over short

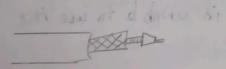
 distances
 - a A trimping tool This is an all in one network tool shaped to push down the pins in the plug a 3 brip
 - o Two RI-45 phys
- Step 1: Tostcort construction of device, begin by thoreading shields onto the cable
- Step 2: Next istrip approximately isom of cable shedding from both ends. The orimping tool has a round was
- Heb3: After, you will need to untongle the wwo those should be by twisted pairs' Referencing back to the sheet,
 - Step4: Once the order is corosed, burch them together in a line, and if there are any that stick out forther than objects, snip them back to create even level.

Staps: Nextipush the cable gright in . The notch at the end of the plug woods to be just over the cable shielding

Stop 6: After the wwo are securely sitting inside the plag insent it into orimpping tool = push

Step 7: Lastly repeat for the other end using diagram B side on the turner mortisticos

Coaxial cable Fibre Optics Cable





Disselfor Dunis

Optional two plug sheelds

5

6 RX

Student observation

Destraight cables are used John connecting

different devices while cross over cables are

used for connecting same devices

- 2) Grass Cable
- 3) Steraight Cable
- A) Star All cobbs run to a combrad connection point. If one cable breaks or fails only the computer connected is unable to use the notwork
- It involves carefully arranging

 were pairs in the content order,

 with challenges including maintains.

 broper were alignment & avoid

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Result
The Different types of Network
Cables are studied.