Energy: 2 Park: 24/07/24

Aim!

Study of different types of naturale Cabler.

a) whiland different types of network andres

a) undenstand d		d'éferent	typus of	(23) 2222
Cable Type	Category	Monimum data teransmishbu	Advantages / Disadvantages	Application/wax
UTP	Category 3	to bps	· Cheaper	to Bese-T Ethernet
	Category 5	upto 100 mbps	re Early to install	Crigabit Ethernat
	Cadegouy 5E	1 Chbps	Em and hoice	Fast Entheunet, Wigabit Ethernet
STP	Category 6,6a	whips	Delv: Sheilded Faster than upp Lexs Succeptible to hoise and integer	Crigabit Ethernet 1000 Ethernet (55m) Widely used in data centres
SSTP	Category 7	Latte	Disadu. Enpensive oracator installation effort	Crigabit Ethernet wor Ethernet (won)
Cable	RG-6 RG-59 RG-11	to-voo mlps	How bandwidth Thrune to integran Low loss bodtwide Versatile Disedert Limited dintose	Speed of Signal 500 m Television Hutwork High speed internet converte

Fibre

Opties Single mode Cable mode

Looghps

· High speed · Migh bandwith · High security · High security

· cost · size

(NAA

Disalv:
. Expensive
. Require skilled

ophies cable is assound too meters

Student observation.

crossed: wood to connect two similar survices charget cable: Some wiring standard on both ends: used to connect different devices like PC to Atw-Switch or router.

Cadegry 3

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od obqu

2) Crossover Cable

3) straight Cable

pie to longe thinking you.

The Carron Alek

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A) understanding: Involves averaging withes

Challengers: covered wire averagement

Shipping without damage

Output: Successfully Cables anable network

Connections

Rusult:
Thus the different network Cables have been studied:

Private to intoferen

shifted end out.

1/8/L