## Practical -2

AIM: Study of different types of network cables.

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able Type	Category	Manamissi on	Advantages	Application /
	Cutegory 3	w eye	Adrendage;	to base of others
UTP	Category 5 e	up be 100 myps	Ris advantages:	furt ethelmet, nigabil ethelmet
				Just ethernal, gigelik othernal
STP	Categor 1,6a	LO GBPS	Advantages;	Gigalist will dut
. P.,	aline for	J 6 1 5 1 5 1 5 5	Disadrantages!	in dely used in dute contact
55 TP	Cutegory 7	1066ps	-> expensive -> grater inst allation effort	gigalet ether, low others closing
Coanial	RG-59	10-100 Mbps	Advantages:  Shigh bandwidte  innunce to a circorporane  rlow loss	Expeld of signal is 500 h, bellerision retrook, migh speed
Cahle	R-G-11		pio advantago; s lintes dist rease	Considion
Fibre Optics	suigle mode multimale	100 G-6 ps	Abuntages!  Shigh greed  Thigh bandwille  Thigh xwrity  Tog distance	here dist of fibre optics Cable is arous woon
Cable	caption to		Disadvantages;  -> oscipentine  -> requires  Azilled  circlealler	Marin Marin
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## Student observation

- 1. Crossover cable: bransenit and receive wires are crosser; und to connect two silvilue devices.
  - Straight cable: Same viring standard on both end; used to connect diff orant devices like pc to shi tele or router.
- 2. Crospora cable
- 3. Straight cable.

Risader logo.

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5. Understanding: Involved arranging were inviting into PT45 plugs, and crimping.

Challenges: Correct wire arrangement,

Strippeing with out damage, proper insertion, and crimping

output: Successful cables enable network connect ons: A saight cables connect

PC, be soutes (switches, oversome cables connect out output).

RESULT

thus, different types of network capses crane been studied.