Understand different types of netrosuk cable Different types of cardles used in networking ove:

- 1. Unshielded Twested Rown (UTP) cable
- 2. Shielded Twested Rove (STP) cable
- 3. Coopuel cable

4. Fibre Optie cable					
Cable Type	Category	Maximum Data Transmillation	Advantages/Disadvantages	Application / Use	lma
UTP	Calegory 3	10 bps	Advantages Cheaper in east Easy to install as they have a small orboall diameter.	10BaseT Ethernet	n nois ur illus
	Category 5	Uplic 100 Mbps		Fast Ethernet, Gugabit Ethernet	
	Carlegeory 50		Disadvantages Mora prone to (EMI) Eleubromagnetri interference and nove	Fast Etherhelt, bugabit Etherhelt	
8TP	Callegory 6,6a	1064bpe	Advantages Shulded Factor than UTP Less duscaptible to Nocie and interference	bugabit Ethernet, 1002 Ethernet (55m) Midely used in data centres	M a
99TP	Calagosy 7	100-lope	Disadjantages Expertive Governmentstallation effort	Origebit Ethernet, 1001 Ethornet (100m)	cuis.

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loanual cable	R6-6 R6-59 R6-11	10-100 Mbps	Advantages High bandwidth Immune to Interference Low loss bandwidth Versatile	Speed of Algnal is 500m. Television network High-speed internet connections
			Dusadvantages Lihusted Dustanu last Size is bulky	osan shati sasal 4 ush musush yaqasa dist
Fibore optice cable	Single made Multimade	1006dbps	Advantages High speed High bandwidth High sewedy Long distance	Manuhume distance of glare optile cuble is around 100 meters.
		Sherids, Breadly Sd.,	Dusadvantages Expensive Regueres Skilled Installers	De policie de la constante de

^{1.} What is the difference between cross cable and strought cable?

Strongent cable: Connects devices of different types. Wither follow the stame pattern on both ends.

Cross Cable: Connects devices of same type. The transmit and receive were are swapped at one and.

^{2.} When type of cable is used to connect two PCE? Grass cable is used

^{3.} Which type of cable is used to connect a Haute/switch to your Pc? Straight cable

4. Find out the category of twisted pair couble used in your LAN, to connect the be to the hetwood socket.

Mostly, it should be Catte on Catt being used in LANG.

Result:
The study of vooribus network coules was completed successfully.

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