100-15

Lorener

AIM: Study of different type of Network cable make med internet a) conderstand different types of network coubie Different type of cable used in networking one 1. Unsheitded Twisted par (UTP) cable 2. Sheilded Twisted pair (STA) caste
3. coaxial caste 1500

	4. Fibre opt	MAXIMUM	ADVANTAGES)	APPLICATION /
CABLE	CATEGORY	DATA TRANSMISSION	DISADVANIAGO	inprie 1-Ethornet
TYPE	3	to bps	Advantages cheaperin	fast Ethernet Gigaloit Ethernelt
UTP	category 5	Upto 100	cost to install Easy to install as they have a as they overall	Gigao
		mpbz	smaller	
			- had vantu	
	category 5e	Labps Adam	· More prone to EMI-Electro- magnetic	THISTOTE
i sta	" " ADMOR - LAD	while Johnson	interference o	A Phone
	B + 440 1/2 Bq		ACHO IN A ET	in a Ethernet
STP	category 6.6a	loabps.	· shielded . Faster-tran UP . Faster-tran UP	(55 m)
	ha gut toann		to noise and	
SSTP		104 bps	indiantages	
	category 7	a tananas uh	EXPENSIVE PROPERTY	
	Torio torio	ad of leave is	· Greaten anstallation effort	
	10-10-10-5	in hotelun ne	P 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

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Coaxial cable	RG-6 RG-59 RG-11	dar of his	0.4	speed of signal, is toom Television network thighs peed inleme connections.
Abre optics cable	single mo de multimo de	100° apps	· High speed · High bardwidth · High selvity	Maximum distant of fibre optics could is around too metres
MODEL CALICAL F. CERTA ELECTRICAL CERTA ELECTRICAL CHARLES ELEC	ANTHONY OF THE PARTY OF THE PAR	MAZIA HADI	· lond distance pisadvantages • Expensive • Requires Skilled Installers	all the state

STUDENT OBSERVATION :

1. Difference between cross cable and straight cable

A straight cable connects different devices, while

cross cable connects the similar devices by swapping

CORDONA P.PO

transmit and recrere wires

e which type of cable is used to connect two pe?

cross cable is used to connect two pcs

3. which cable is used to connect a router to pc: straight cable is used to connect a router to a pe

4. Find the category of twisted pair casies used to to connect the pc to network socket?

category se and category 6 are used to wonnect the pc to network socket.

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