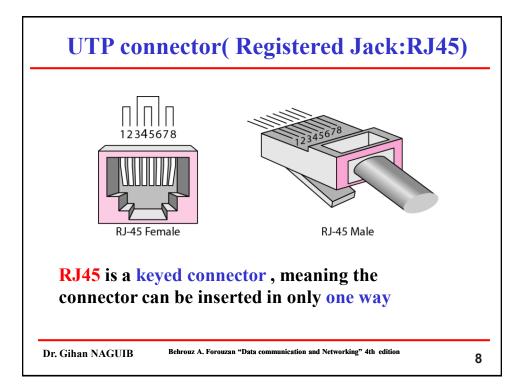
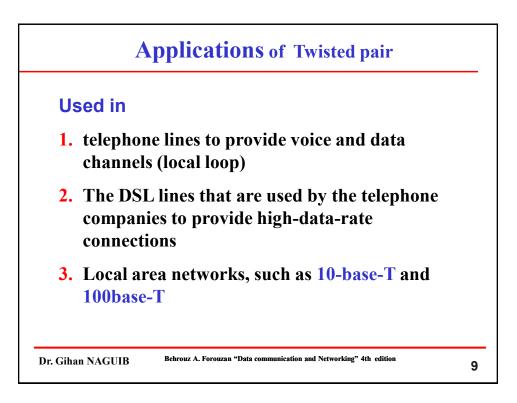
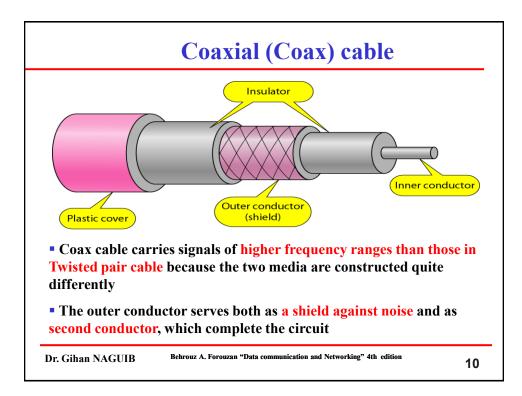


Са	utegory	Specification	Data Rate (Mbps)	Use
	1	Unshielded twisted-pair used in telephone	< 0.1	Telephone
	2	Unshielded twisted-pair originally used in T-lines	2	T-1 lines
	3	Improved CAT 2 used in LANs	10	LANs
	4	Improved CAT 3 used in Token Ring networks	20	LANs
	5	Cable wire is normally 24 AWG with a jacket and outside sheath	100	LANs
	5E	An extension to category 5 that includes extra features to minimize the crosstalk and electromagnetic interference	125	LANs
	6	A new category with matched components coming from the same manufacturer. The cable must be tested at a 200-Mbps data rate.	200	LANs
	7	Sometimes called SSTP (shielded screen twisted-pair). Each pair is individually wrapped in a helical metallic foil followed by a metallic foil shield in addition to the outside sheath. The shield decreases the effect of crosstalk and increases the data rate.	600	LANs







	Category	Impedance	Use	
	RG-59	75 Ω	Cable TV	
	RG-58	50 Ω	Thin Ethernet	
	RG-11	50 Ω	Thick Ethernet]
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