

568-A	UTP Pair#	3		2		1		4	
568-B	UTP Pair#	2		3		1		4	
	UTP Pin#	1	2	3	6	4	5	7	8
Cabling	MinCable								
	MaxCable								
	X-Cable								
RJ-45 Based Applications	10/100BASE-T MDI	TD+	TD-	RD+	RD-	Term	Term	Term	Term
	10/100BASE-T MDI-X	RD+	RD-	TD+	TD-	Term	Term	Term	Term
	100BASE-T4	TD+	TD-	RD+	RD-	BI_D3+	BI_D3-	BI_D4+	BI_D4-
	1000BASE-T	BI_DA+	BI_DA-	BI_DB+	BI_DB-	BI_DC+	BI_DC-	BI_DD+	BI_DD-
	TP-PMD	Xmit+	Xmit-	Term	Term	Term	Term	Rcv+	Rcv-
	802dot5 (4/16)			TX-A	TX-B	RX-A	RX-B		
	802dot5 (100)	Term?	Term?	TX-A	TX-B	RX-A	RX-B	Term?	Term?
	ATM-Cu								
	ISDN-A								
	ISDN-B								
	RoIm?								
	Meridan?								
	Lucent?								
	IEEE 1394 Cat-5?								
	802.12 4-UTP	TPIO:0+	TPIO:0-	TPIO:1+	TPIO:1-	TPIO:2+	TPIO:2-	TPIO:3+	TPIO:3-
802.9	ISTE Transmit		ISTE Receive		Not Used		Reserved for Power*		
802.9a ISLAN-16-T	References 8802-3:1996, 14.5.1								
X.21/V.11	?	?	Tx/Rx	Tx/Rx	Rx/Tx	Rx/Tx	?	?	
RJ-11	RJ-11Plug	NC	Unused?	Unused?	Unused?	<b>Ring(-48)</b>	<b>Tip(Gnd)</b>	Unused?	NC
802.3af	<b>DTE Pwr - Passive</b>	??	??	??	??	??	??	??	??
	<b>DTE Pwr - Active</b>	<b>TD+</b>	<b>TD-</b>	<b>RD+</b>	<b>RD-</b>	<b>Term+?</b>	<b>Term+?</b>	<b>Term+?</b>	<b>Term+?</b>

November 9, 1999  
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\*(Phantom power not precluded, see powering portion of ITU-T I.430 (1993))