



# Application-Specific Pair Assignments

## APPLICATION-SPECIFIC PAIR ASSIGNMENTS FOR 100 OHM CABLING

Application	Pins 1-2	Pins 3-6	Pins 4-5	Pins 7-8
ISDN	Power	TX	RX	Power
Analogue Voice	—	—	TX/RX	—
802-3 (10BASE-T)	TX	RX	—	—
802-5 (Token Ring)	—	TX	RX	—
FDDI (TP-PMD)	TX	Optional <sup>1</sup>	Optional <sup>1</sup>	RX
ATM User Device	TX	Optional <sup>1</sup>	Optional <sup>1</sup>	RX
ATM Network Equip	RX	Optional <sup>1</sup>	Optional <sup>1</sup>	TX
1000BASE-T	TX/RX	TX/RX	TX/RX	TX/RX
100BASE-VG (802.12)	Bi	Bi	Bi	Bi
100BASE-T4 (802.3u)	TX	RX	Bi	Bi
100BASE-TX (802.3u)	TX	RX	—	—

\*Bi=Bi-directional TX=Transmit RX=Receive

<sup>1</sup>Optional terminations may be required by some manufacturers' active implementations.