



Brand-Rex technical brief 016

Extended distances supported by MillenniumM copper Cat 5 and Cat 6 products

<u>PROTOCOL</u>	<u>SPEED</u> Mb/s unless stated otherwise	<u>DISTANCE</u> metres
ATM	155	150
ETHERNET 10BASE-T	10	185
ETHERNET 100BASE-TX	100	140
ETHERNET 100BASE-T2	100	140
ETHERNET 100BASE-T4	100	140
ETHERNET 100 VG AnyLAN	100	160
Gigabit Ethernet 1000BASE-T*	1000	100
TP-PMD	100	140
TOKEN RING 802.5	4/16	180
IBM AS400	1	800
IBM 3270	2.36	650
RS232/RS422**	19 Kb/s	1200
BASEBAND VIDEO	8 MHz	300
RGB VIDEO	25 MHz	250
ISDN	64 kb/s	500
PABX	3.3 kHz	1000
ADSL	1.5	3750
RADSL	640 kb/s	5600
HDSL	2	4600
VDSL	52	310

*1000BASE-TX TIA/EIA-854, 100 m on Cat6

**With appropriate driver