

Copper

Applications Support Matrix

	Category 3	Category 5e	Category 6	Category 6A*
Voice	■	■	■	■
T1 Fractional	■	■	■	■
IBM Type 3-1 Mbps	■	■	■	■
4/16 Mbps Token Ring	■	■	■	■
10BASE-T Ethernet	■	■	■	■
100BASE-T4 Fast Ethernet	■	■	■	■
25.6 Mbps ATM	■	■	■	■
100 VG-Any LAN	■	■	■	■
All other applications developed for operation over Category 3 or class C cabling	■	■	■	■
100 Mbps TP-PMD		■	■	■
155 Mbps ATM		■	■	■
270 Mbps digital video		■	■	■
Broadband video		■	■	■
100BASE-TX Fast Ethernet		■	■	■
1000BASE-T Gigabit Ethernet		■	■	■
All other applications developed for operation over Category 5e or class D cabling		■	■	■
1000 Mbps ATM (CBIG)			■	■
TIA/EIA-854 Gigabit Ethernet Over Category 6 cabling			■	■
10GBASE-T (55m)			■	■
All other applications developed for operation over Category 6 or class E cabling			■	■
10GBASE-T				■

Guaranteed Category 5e support of IEEE 1000BASE-T (Gigabit Ethernet) application:

Hitachi Cable Manchester, Inc.'s Category 5e cables exceed all of the requirements specified by IEEE 8023.ab for support of Gigabit Ethernet (1000BASE-T) operation over twisted-pair cabling. Furthermore, HCM guarantees that all of our Category 5e and higher rated cables will support the 1000BASE-T application.

To demonstrate our compliance, HCM's products have been extensively tested for 1000BASE-T throughput at the University of New Hampshire's Interoperability Lab and found to fully support the IEEE 1000BASE-T Gigabit Ethernet application.

* Category 6A standard has not yet been ratified. Completion expected 07/06.