

APPENDIX A : Ethernet Type Field

Hexadecimal Description (Notes)

0000-05DC IEEE802.3 Length Field
0101-01FF Experimental; for development (Conflicts with 802.3 length fields)
0200 Xerox PUP Conflicts with IEEE802.3 length fields
0201 Xerox PUP Address Translation (Conflicts with IEEE802.3 length fields)
0600 Xerox XNS IDP
0800 DOD Internet Protocol (IP) * #
0801 X.75 Internet
0802 NBS Internet
0803 ECMA Internet
0804 CHAOSnet
0805 X.25 Level 3
0806 Address Resolution Protocol (for IP and CHAOS)
0807 XNS Compatibility
081C Symbolics Private
0888-088A Xyplex
0900 Ungermann-Bass Network Debugger
0A00 Xerox IEEE802.3 PUP
0A01 Xerox IEEE802.3 PUP Address Translation
0BAD Banyan VINES IP
0BAE Banyan VINES Loopback
0BAF Banyan VINES Echo
1000 Berkeley trailer negotiation
1001-100F Berkeley trailer encapsulation for IP
1600 VALID system protocol
4242 PCS Basic Block Protocol
5208 BBN Simnet Private
6000 DEC unassigned
6001 DEC Maintenance Operation Protocol (MOP) Dump/Load Assistance
6002 DEC MOP Remote Console
6003 DEC DECNet Phase IV
6004 DEC Local Area Transport (LAT)
6005 DEC DECNet Diagnostics
6006 DEC DECNet Customer Use
6007 DEC Local Area VAX Cluster (LAVC)
6008 DEC unassigned
6009 DEC unassigned
6010-6014 3Com Corporation
7000 Ungermann-Bass (UB) Download
7001 UB diagnostic/loopback
7002 UB diagnostic/loopback
7020-7029 LRT (England)
7030 Proteon
8003 Cronus VLN
8004 Cronus Direct
8005 HP Probe protocol
8006 Nestar
8008 AT&T
8010 Excelan
8013 Silicon Graphics diagnostic (obsolete)
8014 Silicon Graphics network games (obsolete)
8015 Silicon Graphics reserved type (obsolete)
8016 Silicon Graphics XNS NameServer, bounce server (obsolete)
8019 Apollo Domain
802E Tymshare

802F Tigan, Inc.
8035 Reverse Address Resolution Protocol (RARP)
8036 Aeonic Systems
8038 DEC LANBridge Management
8039 DEC unassigned
803A DEC unassigned
803B DEC unassigned
803C DEC unassigned
803D DEC Ethernet CSMA/CD Encryption Protocol
803E DEC unassigned
803F DEC LAN Traffic Monitor Protocol
8040 DEC unassigned
8041 DEC unassigned
8042 DEC unassigned
8044 Planning Research Corp.
8046-8047 AT&T
8049 ExperData (France)
805B Versatile Message Translation Protocol RFC-1045 (Stanford)
805C Stanford V Kernel, production
805D Evans & Sutherland
8060 Little Machines
8062 Counterpoint Computers
8065-8066 University Of Mass. at Amherst
8067 Veeco Integrated Automation
8068 General Dynamics
8069 AT&T
806A Autophon (Switzerland)
806C ComDesign
806D Compugraphic Corporation
806E-8077 Landmark Graphics Corporation
807A Matra (France)
807C Merit Internodal
807D-8080 Vitalink Communications
8080 Vitalink TransLAN III Management
8081-8083 Counterpoint Computers
8088-808A Xyplex
809B Kinetics EtherTalk (AppleTalk over Ethernet)
809C-809E Datability
809F Spider Systems Ltd.
80A3 Nixdorf Computers (West Germany)
80A4-80B3 Siemens Gammasonics Inc.
80C0-80C3 Digital Communications Assoc. Inc.
80C1 DCA Data Exchange Cluster
80C4 Banyan VINES IP
80C5 Banyan VINES Echo
80C6 Pacer Software
80C7 Applitek Corporation
80C8-80CC Intergraph Corporation
80CD-80CE Harris Corporation
80CF-80D2 Taylor Instrument
80D3-80D4 Rosemount Corporation
80D5 IBM SNA Services over Ethernet
80DD Varian Associates
80DE Integrated Solutions Transparent Remote File System (TRFS)
80DF Integrated Solutions
80E0-80E3 Allen-Bradley
80E4-80F0 Datability
80F2 Retix
80F3 Kinetics AppleTalk Address Resolution Protocol (AARP)
80F4-80F5 Kinetics

80F7 Apollo Computer
80FF-8103 Wellfleet Communications
8069 AT&T
807B Dansk Data Elektronik A/S
8107 Symbolics Private
8108 Symbolics Private
8109 Symbolics Private
8130 Waterloo Microsystems Inc.
8131 VG Laboratory Systems
8137 Novell NetWare IPX (old)
8137-8138 Novell, Inc.
8139-813D KTI
9000 Loopback (Configuration Test Protocol)
9001 Bridge Communications XNS Systems Management
9002 Bridge Communications TCP/IP Systems Management
FF00 BBN VITAL LANBridge cache wakeups

