

ACRONYMS

AAL	ATM Adaptation Layer	IEEE	Institute of Electrical and Electronics Engineers
ADSL	Asymmetric Digital Subscriber Line	IETF	Internet Engineering Task Force
AES	Advanced Encryption Standard	IGMP	Internet Group Management Protocol
AM	Amplitude Modulation	IP	Internet Protocol
AMI	Alternate Mark Inversion	IPng	Internet Protocol - Next Generation
ANS	American National Standard	IRA	International Reference Alphabet
ANSI	American National Standard Institute	ISA	Integrated Services Architecture
ARP	Address Resolution Protocol	ISDN	Integrated Services Digital Network
ARQ	Automatic Repeat Request	ISO	International Organization for Standardization
ASCII	American Standard Code for Information Interchange	ITU	International Telecommunication Union
ASK	Amplitude-Shift Keying	ITU-T	ITU Telecommunication Standardization Sector
ATM	Asynchronous Transfer Mode	LAN	Local Area Network
BER	Bit Error Rate	LAPB	Link Access Procedure-Balanced
B-ISDN	Broadband ISDN	LAPD	Link Access Procedure on the D Channel
BGP	Border Gateway Protocol	LAPF	Link Access Procedure for Frame Mode Bearer Services
BOC	Bell Operating Company	LLC	Logical Link Control
CBR	Constant Bit Rate	MAC	Medium Access Control
CCITT	International Consultative Committee on Telegraphy and Telephony	MAN	Metropolitan Area Network
CIR	Committed Information Rate	MIME	Multi-Purpose Internet Mail Extension
CMI	Coded Mark Inversion	NRZI	Nonreturn to Zero, Inverted
CRC	Cyclic Redundancy Check	NRZL	Nonreturn to Zero, Level
CSMA/CD	Carrier Sense Multiple Access with Collision Detection	NT	Network Termination
DCE	Data Circuit-Terminating Equipment	OSI	Open Systems Interconnection
DEA	Data Encryption Algorithm	OSPF	Open Shortest Path First
DES	Data Encryption Standard	PBX	Private Branch Exchange
DS	Differentiated Services	PCM	Pulse-Code Modulation
DTE	Data Terminal Equipment	PDU	Protocol Data Unit
FCC	Federal Communications Commission	PSK	Phase-Shift Keying
FCS	Frame Check Sequence	PTT	Postal, Telegraph, and Telephone
FDM	Frequency-Division Multiplexing	PM	Phase Modulation
FSK	Frequency-Shift Keying	QAM	Quadrature Amplitude Modulation
FTP	File Transfer Protocol	QoS	Quality of Service
FM	Frequency Modulation	QPSK	Quadrature Phase Shift Keying
GFR	Guaranteed Frame Rate	RBOC	Regional Bell Operating Company
GPS	Global Positioning System	RF	Radio Frequency
HDLC	High-Level Data Link Control	RSA	Rivest, Shamir, Adleman Algorithm
HTML	Hypertext Markup Language	RSVP	Resource ReSerVation Protocol
HTTP	Hypertext Transfer Protocol		
IAB	Internet Architecture Board		
ICMP	Internet Control Message Protocol		
IDN	Integrated Digital Network		

SAP	Service Access Point	TE	Terminal Equipment
SDH	Synchronous Digital Hierarchy	UBR	Unspecified Bit Rate
SDU	Service Data Unit	UDP	User Datagram Protocol
SLA	Service Level Agreement	UNI	User-Network Interface
SMTP	Simple Mail Transfer Protocol	UTP	Unshielded Twisted Pair
SNMP	Simple Network Management Protocol	VAN	Value-Added Network
		VBR	Variable Bit Rate
SONET	Synchronous Optical Network	VCC	Virtual Channel Connection
SS7	Signaling System Number 7	VPC	Virtual Path Connection
STP	Shielded Twisted Pair	WDM	Wavelength Division Multiplexing
TCP	Transmission Control Protocol	WWW	World Wide Web
TDM	Time-Division Multiplexing		