

# ACRONYMS

<b>2B1Q</b>	two-binary, one-quaternary	<b>BER</b>	Basic Encoding Rules
<b>4B/5B</b>	four binary, five binary	<b>BGP</b>	Border Gateway Protocol
<b>4D-PAM5</b>	4-dimensional, 5-level pulse amplitude modulation	<b>BNC</b>	Bayone-Neill-Concelman
<b>8B/10B</b>	eight binary, ten binary	<b>BOOTP</b>	Bootstrap Protocol
<b>8B6T</b>	eight binary, six ternary	<b>BRI</b>	basic rate interface
<b>AAL</b>	(ATM) application adaptation layer	<b>BSS</b>	basic service set
<b>AAS</b>	adaptive antenna system	<b>CA</b>	Certification Authority
<b>ABM</b>	asynchronous balanced mode	<b>CATV</b>	community antenna TV
<b>ABR</b>	available bit rate	<b>CBC</b>	cipher-block chaining
<b>ACK</b>	acknowledgment	<b>CBR</b>	constant bit rate
<b>ACL</b>	asynchronous connectionless link	<b>CBT</b>	Core-Based Tree
<b>ADM</b>	adaptive DM	<b>CCITT</b>	Consultative Committee for International Telegraphy and Telephony
<b>ADPCM</b>	adaptive DPCM	<b>CCK</b>	complementary code keying
<b>ADSL</b>	asymmetric digital subscriber line	<b>CDMA</b>	code division multiple access
<b>AES</b>	Advanced Encryption Standard	<b>CDPD</b>	cellular digital packet data
<b>AH</b>	authentication header	<b>CDV</b>	cell delay variation
<b>AIMD</b>	additive increase, multiplicative decrease	<b>CEPT</b>	Comité Européen de Post et Telegraphie
<b>AM</b>	amplitude modulation	<b>CGI</b>	common gateway interface
<b>AMI</b>	alternate mark inversion	<b>CHAP</b>	Challenge Handshake Authentication Protocol
<b>AMPS</b>	Advanced Mobile Phone System	<b>CIDR</b>	Classless Interdomain Routing
<b>ANSI</b>	American National Standards Institute	<b>CIR</b>	committed information rate
<b>ANSNET</b>	Advanced Networks and Services Network	<b>CLP</b>	cell loss priority
<b>AP</b>	access point	<b>CLR</b>	cell loss ratio
<b>API</b>	application programming interface	<b>CMS</b>	Cryptographic Message Syntax
<b>APS</b>	automatic protection switching	<b>CMTS</b>	cable modem transmission system
<b>ARP</b>	Address Resolution Protocol	<b>CPE</b>	customer premises equipment
<b>ARPA</b>	Advanced Research Projects Agency	<b>CRC</b>	cyclic redundancy check
<b>ARPANET</b>	Advanced Research Projects Agency Network	<b>CS</b>	convergence sublayer
<b>ARQ</b>	automatic repeat request	<b>CSM</b>	cipher stream mode
<b>AS</b>	authentication server	<b>CSMA</b>	carrier sense multiple access
<b>AS</b>	autonomous system	<b>CSMA/CA</b>	carrier sense multiple access with collision avoidance
<b>ASCII</b>	American Standard Code for Information Interchange	<b>CSMA/CD</b>	carrier sense multiple access with collision detection
<b>ASK</b>	amplitude shift keying	<b>CSNET</b>	Computer Science Network
<b>ASN.1</b>	Abstract Syntax Notation One	<b>CSRC</b>	contributing source
<b>ATM</b>	Asynchronous Transfer Mode	<b>CSS</b>	Cascading Style Sheets
<b>AUI</b>	attachment unit interface	<b>CTS</b>	clear to send
<b>B-frame</b>	bidirectional frame	<b>D-AMPS</b>	digital AMPS
<b>B8ZS</b>	bipolar with 8-zero substitution	<b>DARPA</b>	Defense Advanced Research Projects Agency
<b>BASK</b>	binary amplitude shift keying	<b>dB</b>	decibel
<b>Bc</b>	committed burst size	<b>DC</b>	direct current
<b>BECN</b>	backward explicit congestion notification	<b>DCF</b>	distributed coordination function
		<b>DCT</b>	discrete cosine transform
		<b>DDNS</b>	Dynamic Domain Name System

<b>DDS</b>	digital data service	<b>HDLC</b>	High-level Data Link Control
<b>DE</b>	discard eligibility	<b>HDSL</b>	high bit rate digital subscriber line
<b>DEMUX</b>	demultiplexer	<b>HEC</b>	header error check
<b>DES</b>	Data Encryption Standard	<b>HFC</b>	hybrid-fiber-coaxial
<b>DHCP</b>	Dynamic Host Configuration Protocol	<b>HMAC</b>	hashed MAC (hashed message authentication code)
<b>DHT</b>	distributed hash table	<b>HR-DSSS</b>	high-rate direct-sequence spread spectrum
<b>DiffServ</b>	Differentiated Services	<b>HTML</b>	HyperText Markup Language
<b>DIFS</b>	distributed interframe space	<b>HTTP</b>	HyperText Transfer Protocol
<b>DISC</b>	disconnect	<b>Hz</b>	hertz
<b>DMT</b>	discrete multitone technique	<b>I-frame</b>	inter-coded frame
<b>DNS</b>	Domain Name System	<b>IAB</b>	Internet Architecture Board
<b>DOCSIS</b>	Data Over Cable System Interface Specification	<b>IANA</b>	Internet Assigned Numbers Authority
<b>DPCM</b>	differential PCM	<b>iBGP</b>	internal BGP
<b>DS-n</b>	digital signal-n	<b>ICANN</b>	Internet Corporation for Assigned Names and Numbers
<b>DSL</b>	digital subscriber line	<b>ICMP</b>	Internet Control Message Protocol
<b>DSLAM</b>	digital subscriber line access multiplexer	<b>IEEE</b>	Institute of Electrical and Electronics Engineers
<b>DSS</b>	Digital Signature Standard	<b>IESG</b>	Internet Engineering Steering Group
<b>DSSS</b>	direct sequence spread spectrum	<b>IETF</b>	Internet Engineering Task Force
<b>DTE</b>	data terminal equipment	<b>IFDMA</b>	interleaved FDMA
<b>DVMRP</b>	Distance Vector Multicast Routing Protocol	<b>IFS</b>	interframe space
<b>DWDM</b>	dense wave-division multiplexing	<b>IGMP</b>	Internet Group Management Protocol
<b>EBCDIC</b>	extended binary coded decimal interchange code	<b>IGP</b>	Interior Gateway Protocol
<b>eBGP</b>	external BGP	<b>IKE</b>	Internet Key Exchange
<b>ECB</b>	electronic codebook	<b>ILEC</b>	incumbent local exchange carrier
<b>EGP</b>	Exterior Gateway Protocol	<b>IMAP</b>	Internet Mail Access Protocol
<b>EIA</b>	Electronic Industries Alliance	<b>INTERNIC</b>	Internet Network Information Center
<b>ENQ</b>	enquiry frame	<b>IntServ</b>	Integrated Services
<b>ESP</b>	Encapsulating Security Payload	<b>IP</b>	Internet Protocol
<b>ESS</b>	extended service set	<b>IPCP</b>	Internetwork Protocol Control Protocol
<b>FA</b>	foreign agent	<b>IPng</b>	Internet Protocol, next generation
<b>FCC</b>	Federal Communications Commission	<b>IPSec</b>	IP Security
<b>FCS</b>	frame check sequence	<b>IPv4</b>	Internet Protocol, version 4
<b>FDD</b>	frequency division duplex	<b>IPv6</b>	Internet Protocol, version 6
<b>FDDI</b>	Fiber Distributed Data Interface	<b>IRTF</b>	Internet Research Task Force
<b>FDM</b>	frequency division multiplexing	<b>IS-95</b>	Interim Standard 95
<b>FDMA</b>	frequency division multiple access	<b>ISAKMP</b>	Internet Security Association and Key Management Protocol
<b>FEC</b>	forward error correction	<b>ISDN</b>	Integrated Services Digital Network
<b>FHSS</b>	frequency-hopping spread spectrum	<b>ISN</b>	initial sequence number
<b>FIFO</b>	first-in, first-out	<b>ISO</b>	International Organization for Standardization
<b>FM</b>	frequency modulation	<b>ISOC</b>	Internet Society
<b>FRMR</b>	frame reject	<b>ISP</b>	Internet service provider
<b>FQDN</b>	fully qualified domain name	<b>ITM-2000</b>	Internet Mobile Communication 2000
<b>FSK</b>	frequency shift keying	<b>ITU</b>	International Telecommunications Union
<b>FTP</b>	File Transfer Protocol	<b>ITU-T</b>	ITU, Telecommunication Standardization Sector
<b>GEO</b>	geostationary Earth orbit	<b>IV</b>	initial vector
<b>GIF</b>	graphical interchange format		
<b>GPS</b>	Global Positioning System		
<b>GSM</b>	Global System for Mobile Communication		
<b>HA</b>	home agent		

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