Cable Telecommunications
Abbreviations and Acronyms

1xRTT	Single Carrier Radio Transmission Technology	ANA	Association of National Advertisers
3DES	Triple Data Encryption Standard	ANC	Announcement Controller
3DTV	Three Dimensional Television	ANF	Aggregate Noise Factor
3G	3rd Generation	ANP	Announcement Player
3GPP	Third Generation Partnership Project	ANSI	American National Standards Institute
4C	Consortium of Intel, IBM, Matsushita, and Toshiba	AOD	Advertising On Demand
		APD	Avalanche Photo Diode
5C	Consortium of Intel, Sony, Matsushita, Toshiba, and Hitachi	API	Application Programming Interface
		APON	ATM-based Passive Optical Network
A/D	Analog to Digital	Apps	Applications
A/D	Analog to Digital	APSK	Amplitude Phase Shift Keying
A/D/A	Analog to Digital to Analog	ARCNET	Attached Resource Computer Network
A/O	Additional Outlet	ARF	Advertising Research Foundation
A/V	Audio/Video	ARIB	Association of Radio Industries and Businesses
AAA	Authentication, Authorization, and Accounting	ARIN	American Registry of Internet Numbers
		ARP	Address Resolution Protocol
AAAA	American Association of Advertising Agencies	ARPU	Average Revenue per Unit (or User)
		AS	Application Server
AAC	Advanced Audio Codec	ASAP	As Soon As Possible
AACS	Advanced Access Content System	ASCII	American Standard Code for Information Interchange
ABSBH	Average Busy Season Busy Hour		
AC	Alternating Current	ASF	Advanced Streaming Format
AC-3	Audio Coding Revision 3	ASF	Advanced Systems Format
ACAP	Advanced Common Application Platform	ASI	Asynchronous Serial Interface
ACK	Acknowledge	AsiaPac	Asia Pacific
ACL	Access Control List	ASIC	Application-Specific Integrated Circuit
ACL	Applications Connection-Less	ASM	Asset Management System
ACM	Adaptive Coding and Modulation	ASP	Average Selling Price
AD	Activity Detection	ASR	Access Switch Router
ADI	Asset Distribution Interface	ASTB	Advanced Set-Top Box
ADI	Asynchronous Digital Interface	ASTD	American Society for Training and Development
Ad-ID	Advertising-Digital Interface		
ADM	Add/Drop Multiplexing	AT	Advanced Technology
ADSL	Asymmetric Digital Subscriber Line	ATA	Advanced Technology Attachment
AES	Advanced Encryption Standard	A-TDMA	Advanced Time Division Multiple Access
AF	Assured Forwarding	ATDMA	Asynchronous Time Division Multiple Access
AGC	Automatic Gain Control		
AGW	Access Gateway	ATM	Asynchronous Transfer Mode
AIS	Alarm Indication Signal	ATSC	Advanced Television Systems Committee
AM	Amplitude Modulation	ATTN	Attenuator
AM	Application Manager	AUP	Acceptable Use Policy
AMA	Automatic Message Accounting	AV	Audio/Video
AMS	Asset Management System	AV	Audiovisual

AVC — Advanced Video Coding
AVI — Advanced Video Interface
AWGN — Additive White Gaussian Noise
AWT — Abstract Window Toolkit
B2BUA — Back-to-Back User Agent
BA — Behavioral Aggregate
BAF — Bellcore AMA Format
BB — Baseband
BB — Broadband
BC — Broadcast
BC/NC — Broadcast/Narrowcast
BC-BS — Backwards-Compatible Broadcast Services
BCID — Billing Correlation Identifier
BDF — Broadband Digital Forward
BDR — Baseband Digital Reverse
BE — Best Effort
BER — Bit Error Rate
BERT — Bit Error Rate Test
BFS — Broadcast File System
BGCF — Breakout Gateway Control Function
BGP — Border Gateway Protocol
BICSI — Building Industry Consulting Services International
bits/sym — Bits per Symbol
BIU — Broadband Interface Unit
BMS — Business Management System
BNN — Bit-Error-Rate in the Noise Notch
BoD — Broadcast on Demand
BOM — Bill of Material
BP — Boundary Point
BPF — Band-Pass Filter
BPI — Baseline Privacy Interface
BPI+ — Baseline Privacy Interface Plus
BPL — Broadband over Power Line
B-PON — Broadband Passive Optical Network
bps — Bits Per Second
BRAS — Broadband Remote Access Server
BRI — Basic Rate Interface
BRI — Brand Rating Index
BRS — Broadband Radio Service
BS — Broadcast Services
BSC — Base Station Controller
BSS — Business Support System
BTS — Business Telecom Services
BTSC — Broadcast Television Systems Committee
BTU/hr — British Thermal Unit Per Hour
BW — Bandwidth
C/N — Carrier to Noise Ratio
C/N — Carrier-to-Noise Ratio
CA — Call Agent
CA — Conditional Access
CA — Content Archive

CAB — Cable Advertising Bureau
CAC — Call Admission Control
CAD — Computer Aided Design
CALA — Central America and Latin America
CALEA — Communications Assistance for Law Enforcement Act
Canitec — Camara Nacional de la Industria Television por Cable
CapEx — Capital Expenditure
CAPMAN — Capacity Management
CAS — Conditional Access Server
CAS — Conditional Access System
CAT5 — Category 5
CATV — Community Antenna Television (or Cable Television)
CB — Citizen Band
CBR — Constant Bit Rate
CBT — Computer Based Testing (or Training)
CCCM — CPE Controlled Cable Modem
CCDF — Complementary Cumulative Distribution Function
CCI — Content Control Information
CCK — Complimentary Code Keying
CCM — Constant Coding and Modulation
CCS — Centum Call Seconds
CD — Chromatic Dispersion
CD — Compact Disc
CDC — Changed Data Capture
CDC — Connected Device Configuration
CDMA — Code Division Multiple Access
CDR — Call Detail Record
CD-ROM — Compact Disk-Read Only Memory
CE — Consumer Electronics
CE — Customer Equipment
CEA — Consumer Electronics Association
CEBus — Consumer Electronic Bus
CEO — Chief Executive Officer
CEP — Cable Entry Point
CER — Codeword Error Ratio
CES — Circuit Emulation Service
CFO — Chief Financial Officer
CH — CableHome™
CH — CableHome™ Host
Ch — Channel
CIFS — Common Internet File System
CIM — Common Information Model
CINIT — Centro de Investigacion e Innovacion en Telecomunicaciones (CINIT)
CIR — Committed Information Rate
CLASS — Custom Local Area Signaling Services
CLDC — Connection Limited Device Configuration
CLE — Customer Located Equipment
CLEC — Competitive Local Exchange Carrier

CLI	Command Line Interface	CTIA	Cellular Telecommunications and Internet Association
CLI	Cumulative Leakage Index		
CLR	Common Language Run-time	CTO	Chief Technology Officer
CLV	Consumer Lifetime Value	CW	Codeword
CM	Cable Modem	CW	Continuous Wave
CMCI	CM (Cable Modem) To CPE (Customer Premises Equipment) Interface	CWDM	Coarse Wavelength Division Multiplexing
		CWM	Common Warehouse Metamodel
CMLA	Content Management License Administrator	D&B	Dun and Bradstreet
		DA	Destination Address
CMOS	Complimentary Metal-Oxide Semiconductor	DAC	Digital Addressable Controller
		DARPA	Defense Advanced Research Projects Agency
CMS	Call Management Server		
CMTS	Cable Modem Termination System	DAS	Direct Attached Storage
CNIR	Carrier-to-Noise/Ingress Ratio	DAT	Digital Audio Tape
CNR	Carrier-to-Noise Ratio	DAT	DOCSIS® Set-top Gateway Address Table
CO	Central Office	DAVIC	Digital Audio Visual Council
CODEC	Coder/Decoder	dB	Decibel
COLD	Central Office Layout Design	dBc	Decibel Referenced to the Carrier
COPS	Common Open Policy Service	dBm	Decibel milliwatt
CORBA	Common Object Request Broker Architecture	dBmV	Decibel milliVolt
		DBPSK	Differential Binary Phase Shift Keying
CoS	Class of Service	DBS	Direct Broadcast Satellite
COT	Central Office Terminal	DC	Direct Current
CP	Copy Protection	DC	Dispersion Compensator
CPD	Common Path Distortion	DCA	Digital Cable Application
CPE	Customer Premises Equipment	D-CAPMAN	Dynamic Capacity Management
CPM	Cost per Thousand Impressions	DCC	Data Communication Channel
CPPM	Copy Protection for Prerecorded Media	DCC	Dynamic Channel Change
CPRM	Content Protection for Recordable Media	DCD	Disconnection Delay
CPTWG	Copy Protection Technical Working Group	DCD	Downstream Channel Descriptor
CPU	Central Processing Unit	DCF	Dispersion Compensating Fiber
CQoS	CableHome™ Quality of Service	DCM	Dispersion Compensation Module
CQP	CableHome™ QoS Portal	DCP	Device Control Protocol
CRA	Contention Resolution Algorithm	DCR	Digital Cable Ready
CRG	CableHome™ Residential Gateway	DCS	Digital Cross-connect System
CRL	Certificate Revocation List	DCT	Digital Communications (Cable) Terminal
CR-LDP	Constraint-based Label Distribution Protocol	DCT	Discrete Cosine Transform
		DE	Default
CRM	Customer Relationship Management	DeCSS	Defeat Content Scrambling System
CSCF	Call State Control Function	DENI	Digital Entertainment Networking Initiative
CSH	Central Switch Homerun	DES	Data Encryption Standard
CSMA/CA	Carrier Sense Multiple Access with Collision Avoidance	DF	Delivery Function
		DFAST	Dynamic Feedback Arrangement Scrambling Technique
CSMA/CD	Carrier Sense Multiple Access with Collision Detection		
		DFB	Distributed Feedback
CSO	Composite Second Order	DHCP	Dynamic Host Configuration Protocol
CSR	Customer Service Representative	DHEI	DigiCable Headend Expansion Interface
CS-RZ	Carrier-Suppressed Return-to-Zero	DHWG	Digital Home Working Group
CSS	Content Scrambling System	DiffServ	Differentiated Services
CSV	Comma Separated Value	Div	Division
CTAM	Cable & Telecommunications Association for Marketing	DIX	DEC-Intel-Xerox
		DLCI	Data Link Connection Identifier
CTB	Composite Triple Beat	DLL	Data Link Layer

DLNA	Digital Living Network Alliance	DVB	Digital Video Broadcast
DM	Degraded Modem	DVB-ASI	DVB (Digital Video Broadcast) Asynchronous Serial Interface
DM	Dispersion Mitigation		
DMA	Designated Marketing Area	DVB-DSNG	DVB (Digital Video Broadcast) Digital Satellite News Gathering
DMC	Dual Modem Cards		
DMCA	Digital Millennium Copyright Act	DVB-RCS	DVB (Digital Video Broadcast) Return Channel via Satellite
DMH	Degraded Modem Hours		
DML	Direct Modulated Distributed Feedback Laser	DVB-S	DVB (Digital Video Broadcast) Standard
		DVD	Digital Versatile Disc
DNCS	Digital Network Control System	DVD+R	Recordable Digital Versatile Disc
DNS	Domain Name System	DVD+RW	Rewritable Digital Versatile Disc
DOCSDIAG	DOCSIS Diagnostic Program	DVDCCA	Digital Versatile Disc Copy Control Association
DOCSIS®	Data-Over-Cable Service Interface Specifications		
		DVI	Display Visual Interface
DOCSIS®-RFI	DOCSIS® Radio Frequency Interface	DVR	Digital Video Recorder
DoD	Department of Defense	DVS	Digital Video Standard
DoS	Denial of Service	DVS	Digital Video Subcommittee
DPI	Digital Program Insertion	DWDM	Dense Wavelength Division Multiplex
DPON	Deep-Fiber Passive Optical Network	EA-DFB	Electro-Absorption Modulator Integrated Distributed Feedback Laser
DPSK	Differential Phase Shift Keying		
DPT	Dynamic Packet Transport	EAP	Extensible Authentication Protocol
DQoS	Dynamic Quality of Service	EAS	Emergency Alert System
DQPSK	Differential Quadrature Phase Shift Keying	EBITDA	Earnings Before Interest, Taxes, Depreciation, and Amortization
DRAM	Dynamic Random Access Memory		
DRM	Digital Rights Management	eCM	Embedded Cable Modem
DS	Downstream	ECR	Efficient Consumer Response
DS0	Digital Signal 0 (zero)	ECR	Engineering Change Request
DSA	Dynamic Service Addition	EDC	Electronic Dispersion Compensator
DSCP	Differentiated Service Code Point	EDFA	Erbium Doped Fiber Amplifier
DSG	DOCSIS® Set-top Gateway	EDGE	Enhanced Data Rates for Global Evolution
DSL	Digital Subscriber Line		
DSLAM	Digital Subscriber Line Access Multiplexer	eDOCSIS™	Embedded Data-Over-Cable Service Interface Specifications
DSM	Digital Storage Media, DNCS Session Manager		
		EF	Expedited Forwarding
		EFM	Ethernet in the First Mile
DSM-CC UN	Digital Storage Media Command and Control User-to-Network	EFMS	Error Free Milliseconds
		EFS	Error Free Seconds
DSM-CC	Digital Storage Medium Command and Control	EHDR	Extended Header
		EIA	Electronics Industry Association
DSP	Digital Signal Processing	EIC	Entertainment, Information, and Communications
DSP	Digital Signal Processor		
DSSS	Direct Sequencing Spread Spectrum	EIR	Excess Information Rate
DSTB	Digital Set-top Box	EIRP	Effective Isotropic Radiated Power
DS-x	Digital Signal (level)	EIS/SCS	Event Information Scheduler/SimulCrypt Synchronizer
DSx	Dynamic Service Change		
DTCP	Digital Transmission Content Protection	ELA	Ethernet Line Aggregation
DTCP/5C	Digital Transmission Content Protection/5 Companies	E-LSP	EXP-Inferred-PSC Label Switch Path
		EM	Element Manager
DTD	Dial Tone Delay	EMEA	Europe, Middle East and Asia
DTH	Direct To Home	EMI	Electro-Magnetic Interference
DTMF	Dual Tone Multi-frequency	EML	Externally Modulated Laser
DTV	Digital Television	EMM	Entitlement Management Message
DUN	Dial-Up Networking	EMS	Element Management System
DUT	Device Under Test	eMTA	Embedded Multimedia Terminal Adapter

ENUM	Electronic Numbering	FIFO	First In, First Out
E-O	Electrical-Optical	FLR	Frame Loss Ratio
EoD	Everything on Demand	FM	Frequency Modulation
EoS	Ethernet over SONET	FN	Fiber Node
EP	End Point	FOADM	Fixed Filter Optical Add/Drop Multiplexer
EPG	Electronic Program Guide	FOD	Free on Demand
EPL	Ethernet Private Line	FOSC	Fiber Optic Splice Closure
EPON	Ethernet Passive Optical Network	FP	Fabry-Perot
EPRI	Electric Power Research Institute	FQDN	Fully Qualified Domain Name
EQAM	Edge QAM	FR	Frame Relay
ER	Edge Router	FRAG	Fragmentation
ERIM	Erasmus Research Institute of Management	FS-CWDM	Full Spectrum - Coarse Wave Division Multiplexing
ERM	Edge Resource Manager	FSN	Full Service Network
ES	Errored Seconds	FSO	Free Space Optical
ESC	Embedded Signaling Channel	FTP	File Transfer Protocol
ESCON	Enterprise System Connection	FTTB	Fiber to the Business
ESF	Extended SuperFrame	FTTC	Fiber to the Curb
ESM	EOD Server Manager	FTTH	Fiber to the Home
ESP	Encapsulating Security Payload	FTTN	Fiber to the Node
ETSI	European Telecommunications Standards Institute	FTTP	Fiber to the Premises
		FTTU	Fiber to the User
ETTH	Ethernet To The Home	FTTx	Fiber to the (endpoint)
ETTx	Ethernet To The x (end point)	FW	Firewall
EVC	Ethernet Virtual Circuit	FWM	Four-Wave Mixing
EVDO	Evolution-Data Only	FXS	Foreign eXchange Station
EvDO	Evolution-Data Only	G2B	Go2Broadband^{SM}
EV-DO	Evolution-Data Only	GaAs	Gallium Arsenide
EVM	Error Vector Magnitude	GARP	Generic Attribute Registration Protocol
EVPL	Ethernet Virtual Private Line	GB	Gigabyte
EVPLAN	Ethernet Virtual Private Local Area Network	Gb/s	Gigabit per Second
		GB/s	Gigabits per Second
EXC	Electronic Cross Connect	GbE	Gigabit Ethernet
EX-MOD	Externally Modulated	GBIC	Gigabit Interface Converter
EXP	Experimental	Gbps	Gigabits per Second
FastE	Fast Ethernet	Gbps	Gigabits per Second
FBI	Federal Bureau of Investigation	GC	Gateway Controller
FC	Fibre Channel	GDV	Group Delay Variation
FC-AL	Fiber Channel – Arbitrated Loop	GE	Gigabit Ethernet
FCC	Federal Communications Commission	GEM	Globally Executable MHP
FCP	Fibre Channel Protocol	GFP	Generalized Framing Procedure
FCRC	Fragment Cyclic Redundancy Check	GFP-F	Generic Framing Procedure-Framed
FDD	Frequency Division Duplexed	GFP-T	Generic Framing Procedure-Transparent
FDDI	Fiber Distributed Data Interface	GFP-T	Transparent Generalized Framing Procedure
FE	Fast Ethernet		
FEC	Forward Error Correction	GGSN	Gateway GPRS Support Node
FEC	Forwarding Equivalence Class	GHz	Gigahertz
FF	Fast Forward	GigE	Gigabit Ethernet
FFT	Fast Fourier Transform	GIGO	Garbage In, Garbage Out
FGPS	FEC, Guard time, Preamble, Stuffing bytes	GIS	Geographic Information System
		GMPLS	Generalized MultiProtocol Label Switching
FHCS	Fragment Header Check Sequence	GNT	Grant
FICON	Fiber Connection	GOP	Group of Pictures

G-PON	Gigabit Passive Optical Network		HQ	High Quality
GPRS	General Packet Radio Service		HSA	High Speed Access
GPS	Global Positioning Satellite		HSD	High Speed Data
GQoS	Generic Quality of Service		HSDPA	High Speed Downlink Packet Access
GR	Generic Requirement		HSI	High-Speed Internet
GRE	Generic Routing Encapsulation		HSP	Headset Profile
GRM	Global Resource Manager		HSS	Home Subscriber Server
GS	Global Server		HTML	HyperText Markup Language
GSRM	Global System Resource Manager		HTPC	Home Theatre Personal Computer
GTP	GPRS Tunneling Protocol		HTTP	Hypertext Transfer Protocol
GUI	Graphical User Interface		HVAC	Heating, Ventilation, and Air Conditioning
GVRP	GARP VLAN Registration Protocol		I/O	Input/Output
GW	Gateway		IAG	Interactive Advertising Guidelines
GWC	Gateway Controller		IAMS	Intelligent Asset Management System
H&S	Hub and Spoke		IANA	Internet Assigned Numbers Authority
HAN	Home Area Network		IB	In-Band
HAVi	Home Audio Video Interoperability		ICB	Independent Customer Builds
HCRP	Hard Copy Cable Replacement		ICMP	Internet Control Message Protocol
HCS	Header Check Sequence		ICO	Incumbent Cable Operator
HD	Hardware		i-CSCF	Interrogating-Call State Control Function
HD	High Definition		ID	Identifier
HDBH	High-Day Busy Hour		IDE	Integrated Device Electronics
HDCP	High-bandwidth Digital Content Protection		iDEN	integrated Digital Enhanced Network
HDD	Hard Disk Drive		IDS	Intrusion Detection System
HDLC	High-Level Data Link Control		IDT	Integrated Digital Terminal
HDMI	High Definition Multimedia Interface		IEC	International Electrotechnical Commission
HD-PLC	High Definition-ready Powerline Communications		IEEE	Institute of Electrical and Electronics Engineers
HDR	Header		IETF	Internet Engineering Task Force
HDT	Host Digital Terminal		IF	Intermediate Frequency
HDTV	High Definition Television		IFC	Initial First Cost
HDVOD	High-Definition Video on Demand		IGMP	Internet Group Multicast Protocol
HE	Headend		IGP	Interior Gateway Protocol
HEC	Headend Controller		IKE	Internet Key Exchange
HEM	Headend Modem		ILEC	Incumbent Local Exchange Carrier
HFC	Hybrid Fiber/Coax		ILMI	Interim Link Management Interface
HGW	Home Gateway		IM	Instant Messaging
HHP	Households Passed		IMD	Intermodulation Distortion
Hi-PHY	High Performance Physical Layer		IMS	IP Multimedia Subsystem
HIT	Headend Interface Terminal		INA	Interactive Network Adaptor
HITS	Headend In The Sky		I-NET	Institutional Network
HMS	Headend Management System		IntServ	Integrated Services
HMS	Home Media Server		IP	Internet Protocol
HMS	Hybrid Management Sub-layer		IPAT	Internet Protocol Access Terminal
HN	Home Network		IPCDN	IP over Cable Data Network
HNv1	Home Networking Version 1		IPDR	Internet Protocol Detail Record
HOD	HBO On Demand		IPDT	Internet Protocol Digital Terminal
HOM	High-Order Modulation		IPG	Interactive Program Guide
HomePNA™	Home Phoneline Networking Alliance		IPG	Inter-Packet Gap
HP	Homes Passed		IPMP	Intellectual Property Management and Protection
HPF	High Pass Filter		IPPV	Impulse Pay per View
HPNA	Home Phoneline Networking Alliance			
HPOV	Hewlitt Packard Open View		IPSec	Internet Protocol Security

IPTA	Internet Protocol Transport Agreement	KSA	Knowledge, Skills and Abilities
IPTV	Internet Protocol Television	ksym/s	Kilosymbols Per Second
IPv4	Internet Protocol version 4	ksym/sec	Kilosymbols Per Second
IR	Infrared	KTTA	Korean Telecommunications Technology
IRD	Integrated Receiver/Decoder		Association
IRI	Industrial Reporting Inc	kVA	1000 Volt Amperes
IRR	Internal Rate of Return	kW	Kilowatt
IRT	Integrated Receiver/Transcoder	I	Current
IS	Information Systems	L2	Level 2
ISA	Interactive Service Architecture	L2TP	Layer-2 Tunneling Protocol
iSCSI	Internet Small Computer System Interface	LAN	Local Area Network
ISDN	Integrated Services Digital Network	LATA	Local Access and Transport Area
ISI	Inter-Symbol Interference	LC	Local Convergence
IS-IS	Intermediate System-to-Intermediate	LCAS	Link Capacity Adjustment Scheme
	System	LCC	Life-Cycle Cost
ISM	Industrial Scientific Medical	LCP	Local Convergence Point
ISMS	Integrated Service Management System	LCS	Line Code Signaling
ISO	International Organization for	LD	Long Distance
	Standardization	LDAP	Lightweight Directory Access Protocol
ISP	Inside Plant	LDP	Label Distribution Protocol
ISP	Internet Service Provider	LDPC	Low Density Parity Check
ISTP	Internet Signaling Transport Protocol	LDS	Local Digital Switch
ISUP	Integrated Services Digital Network User	LEC	Local Exchange Carrier
	Part	LED	Light Emitting Diode
ISV	Independent Software Vendor	LEN	Length
IT	Information Technology	LER	Label Edge Router
ITA	Interactive Television Association	LFA	Long Format Advertising
ITU	International Telecommunications Union	LLC	Logical Link Control
ITU-T	International Telecommunication Union -	L-LSP	Label-Only-Inferred-PSC LSP
	Telecommunication Standardization	LMDS	Local Multipoint Distribution Service
	Sector	LMI	Link Management Interface
iTV	Interactive Television	LMP	Link Management Protocol
IUC	Interval Usage Code	LNB	Low Noise Block-downconverter
IVR	Interactive Voice Response	LNP	Local Number Portability
IWF	Internetworking Function	LO	Local Origination
IWF	InterWorking Function	LOADM	Lightweight Optical Add/Drop Multiplexer
IXC	Interexchange Carrier	LOS	Line Of Sight
J2ME	Java2 MicroEdition	LOS	Loss of Signal
JCP	Java Community Process	LovSAN	a.k.a The Blaster Worm
JMF	Java Medium Framework	LPCM	Linear Pulse Code Modulation
JNI	Java Native Interface	LRU	Least Recently Used
JPEG	Joint Photographic Experts Group	LSB	Least Significant Byte
JSR	Java Specification Request	LSP	Label Switched Path
JTA	Job Task Analysis	LSP	Legacy Set-top Profile
JVM	Java Virtual Machine	LSR	Label Switch Router
JVT	Java Vision Toolkit	LTS	Long Term Storage
k	Kilo = 1000	LVI	Low Voltage Integrator
kb/s	Kilobits per Second	LWP	Low Water Peak
kbps	Kilobits per Second	M/U	Modulator/Upconverter
KDC	Key Distribution Center	M3UA	MTP-3 User Adaptation
KDCF	Korea Digital Cable Forum	MAC	Media Access Control
kHz	Kilohertz	MAN	Metropolitan Area Network
km	Kilometer	MAP	Main Audio Program

MAS	MPEG-Aware Switch	MSA300	Standard 10 Gigabit Ethernet Connector
Mb/s	Megabits per Second	MSB	Most Significant Byte
MB/s	Megabytes per Second	MSC	Mobile Switching Center
Mbaud	Megabaud	msec	Millisecond
Mbits/sec	Megabits per Second	MSFT	Microsoft Corporation
Mbps	Megabits per Second	MSO	Multiple System Operator
MBps	MegaByte per Second	MSPP	Multi-Service Provisioning Platform
MBS	Mission Bit Stream	Msps	Mega-Symbols per Second
M-CMTS	Modular Cable Modem Termination System	MTA	Multimedia Terminal Adapter
		MTBF	Mean Time Between Failures
MCTF	Motion Compensated Temporal Filtering	MTP-3	Message Transfer Part Level 3
MD5	Message-Digest Algorithm	MTTF	Mean-Time-To-Failure
MDA	Model Driven Architecture	MTTR	Mean Time To Repair
MDR	Mobile Digital Recorder	MTTU	Mean Time to Understand
MDU	Multiple Dwelling Unit	MUX	Multiplexer
mDVR	Multi-TV Digital Video Recorder	MVNO	Mobile Virtual Network Operator
MEMS	Micro-Electro-Mechanical Systems	MVoD	Mobile Video on Demand
MEN	Metro Ethernet Network	MZ	Mach-Zehnder
MER	Modulation Error Ratio	NAP	Network Access Point
MF	Multifield	NAPT	Network Address and Protocol Translation
MF	Multifrequency	NAS	Network Attached Storage
MG	Media Gateway	NAT	Network Address Translation
MGC	Media Gateway Controller	NBC-BS	Non Backwards-Compatible Broadcast Services
MGCF	Media Gateway Control Function		
MGCP	Media Gateway Control Protocol	NBI	Northbound Interface
MHP	Multimedia Home Platform	NCM	Next Century Media
MHz	Megahertz	NCS	Network-based Call Signaling
MIB	Management Information Base	NCTA	National Cable & Telecommunications Association
MIDP	Mobile Information Device Profile		
MIMO	Multiple Input, Multiple Output	NDA	Non-Disclosure Agreement
MIP	Mobile IP	NDE	Network Dimensioning Engine
ML/MP	Main Level/Main Profile	NDMH	Non-Degraded Modem Hours
MM	Multimedia	NDVR	Network Digital Video Recording
MMI	Man Machine Interface	NE	Network Element
MOCA	Multimedia Over Coax Alliance	NEBS	Network Equipment Building System
MOD	Movies on Demand	NEMA	National Electrical Manufactures Association
MOF	Meta Object Facility		
MOS	Mean Opinion Score	NEMS	Network Element Management System
MP	Media Player	NETBIOS	Network Version of Basic Input/Output System
MP3	MPEG-2 Layer 3		
MPBGP	MultiProtocol Border Gateway Protocol	NF	Noise Figure
MPC	Media Player Controller	NFS	Network File System
MPEG	Moving Pictures Expert Group	NG-L1	Next Generation Layer 1
MPEG-TS	Moving Pictures Expert Group Transport Stream	NGNA	Next Generation Network Architecture
		NGO	Non-Government Organization
MPLS	Multiprotocol Label Switching	ngOSS	Next Generation Operations Support System
MPTS	Multiple Program Transport Stream		
MPTS-TE	MPLS – Traffic Engineering	ng-SONET	Next Generation Synchronous Optical NETwork
MQ	Medium Quality		
M-QAM	M-ary Quadrature Amplitude Modulation	NI	Network Interface
MRTG	Multi Router Traffic Grapher	NIC	Network Interface Card
MS	Master Server	NID	Network Interface Device
ms	Millisecond	NIS	Network Infrastructure Solutions

NIST	National Institute of Standards and Technology	OH	Overhead
NIU	Network Interface Unit	OIU	Organizationally Unique Identifier
NLOS	Non-Line of Sight	OJT	On-The-Job Training
nm	Nanometer	OLT	Optical Line Terminal
NmAccess	Network Management Access	OLT	Optical Line Termination
NMS	Network Management System	OMA	Open Mobile Alliance
NNOC	National Network Operations Center	OMG	Object Management Group
NNTP	Network News Transfer Protocol	ONDS	Optical Node Distribution Switch
NOC	Network Operations Center	ONT	Optical Network Termination
NPR	Noise Power Ratio	OOB	Out-of-Band
nPVR	Network-based Personal Video Recorder	OOK	On-Off-Keying
NRSS	National Renewable Security Standard	OOO	Optical-Optical-Optical
nRTP	Non Real-time Transport Protocol	OpEx	Operations Expenditure
nrtPS	Non-Real Time Polling Service	ORX	Optical Receiver
NRZ	NonReturn to Zero	OS	Operating System
ns	Nanosecond	OSC	Optical Supervisory Channel
NSI	Network Side Interface	OSGi	Open Services Gateway Initiative
NTS	Near Term Storage	OSI	Open Systems Interconnect
NTSC	National Television System Committee	OSMINE	Operations Systems Modification for the Integration of Network Elements
NVM	Non-Volatile Memory	OSNR	Optical Signal-to-Noise Ratio
NVOD	Near Video on Demand	OSP	Outside Plant
NW	Network	OSPF	Open Shortest Path First
O/E	Optical Signal-to-Electrical Signal conversion	OSS	Operational Support System
		OSSI	OSS Interface
OADM	Optical Add/Drop Multiplexer	OSW	Optical Switch
OAM	Operations, Administration, and Maintenance	OTDR	Optical Time Domain Reflectometer
		OTN	Optical Transition Node
OAM&P	Operations, Administration, Maintenance and Provisioning	OTN	Optical Transport Network
		OTU-N	Optical Transport Unit
OCAP	OpenCable™ Application Platform	OTX	Optical Transmitter
OC-CC	OpenCable™ CableCARD™	OUI	Organizationally Unique Identifier
OC-CFR	OpenCable™ - Core Functional Requirements	OWG	OnRamp Working Group
		OXC	Optical Cross Connect
OCn	Optical Carrier (level)	P2P	Peer to Peer
OCSP	Online Certificate Status Protocol	PAN	Personal Area Network
OCST	Office of Cable Signal Theft	PAR	Project Authorization Request
OC-x	Optical Carrier (level)	PARM	Parameter
ODA	Outlet Digital Adapter	PAT	Program Association Table
ODRL	Open Digital Rights Language	PBIA	Personal Broadband Industry Association
OE	Optical Ethernet	PBP	Personal Basis Profile
O-E	Optical-Electrical	PBR	Policy Based Routing
OEM	Original Equipment Manufacturer	PBX	Private Branch Exchange
O-E-O	Optical-to-Electrical-to-Optical	PC	Personal Computer
OEPL	Optical Ethernet Private Line	PCI	Peripheral Connect Interface
OEPLAN	Optical Ethernet Private Local Area Network	PCM	Pulse Code Modulation
		PCMCIA	Personal Computer Memory Card Interface Adaptor
OEVPL	Optical Ethernet Virtual Private Line		
OEVPLAN	Optical Ethernet Virtual Private Local Area Network	PCMM	PacketCable™ Multimedia
		PCR	Peak Cell Rate
OFC	Optical Fiber Communication	PCR	Program Clock Reference
OFDM	Orthogonal Frequency Division Multiplexing	PCS	Personal Communications System
		PDA	Personal Digital Assistant

PDD	Post-dial Delay		PS	Portal Services
PDF	Policy Distribution Function		PS	Power Supply
PDF	Probability Density Function		PS	Provisioning Server
PDH	Plesiochronous Digital Hierarchy		PSA	PacketCable Service Agreement
PDI	Path Defect Indicator		PSI	Program Specific Information
PDL	Polarization Dependent Loss		PSIP	Program and System Information Protocol
PDP	Policy Decision Point		PSK	Phase Shift Keying
PDU	Protocol Data Unit		PSP	Packet Streaming Protocol
PDW	Polarization Dependent Wavelength		PSP	Packet Success Probability
PEG	Public, Education, Government		PSQ	Packet Streaming Queue
PEP	Policy Enforcement Point		PSQM	Perceptual Speech Quality Measurement
PER	Packet Error Rate		PSTN	Public Switched Telephone Network
PESQ	Perceptual Evaluation of Speech Quality		PTS	Program Transport Stream
PHB	Per-hop Behavior		PTT	Postal, Telegraph and Telephone
PHS	Payload Header Suppression		PTV	PowerTV
PHY	Physical (layer)		PVC	Permanent Virtual Circuit
PID	Packet Identifier		PVC	Private Virtual Circuit
PID	Program Identifier		PVR	Personal Video Recorder
PIM-SM	Protocol Independent Multicast Protocol – Sparse Mode		PWE3	Pseudo-Wire End-to-End Working Group
			QAM	Quadrature Amplitude Modulation
PIN	Positive-Intrinsic-Negative		QBP	QoS Boundary Point
PIN	Personal Identification Number		QCC	QoS Characteristics Management Client
PKI	Public Key Infrastructure		QCS	QoS Characteristics Management Server
PKT	Packet		QEF	Quasi-Error Free
PL	Packet Loss		QFM	QoS prioritized Forwarding and Media Access
PLC	Packet Loss Concealment			
PLC	Powerline Communications		QoE	Quality of Experience
PLT	Powerline Telecommunications		QOS	Quality of Service
PM	Performance Monitoring		QPSK	Quadrature Phase Shift Keying
PMD	Polarization Mode Dispersion		R&D	Research and Development
PMT	Program Map Table		R.H.	Relative Humidity
PO	Purchase Order		RADIUS	Remote Authentication Dial-in User Service
POD	Point of Deployment			
POH	Path Overhead		RAID	Redundant Array of Inexpensive Disks
PON	Passive Optical Network		RAM	Random Access Memory
POP	Point Of Presence		RAN	Radio Access Network
POP3	Post Office Protocol 3		RAN	Regional Area Network
POS	Packet Over SONET		RAP	Regional Access Point
POTS	Plain Old Telephone Service		RAP	Resource Allocation Protocol
PPD	Post-pickup Delay		RBOC	Regional Bell Operating Company
PPP	Point-to-Point Protocol		RBW	Resolution Bandwidth
PPPoA	PPP over ATM		RCA	Root Cause Analysis
PPPoE	Point-to-Point Protocol over Ethernet		RCV	Receiver
PPT	Power Passing Tap		RDI	Remote Defect Indicator
PPTP	Point-to-Point Tunneling Protocol		REL	Rights Expression Language
PPV	Pay per View		REQ	Request
PRBS	Pseudo-Random Binary Sequence		ResApp	Resident Application
PRBS	Pseudo-Random Bits Stream		RF	Radio Frequency
PRI	Primary Rate Interface		RFC	Request for Comment
PRM	Polarization Recovery Module		RFP	Request for Proposal
PRNG	Pseudo Random Number Generators		RG	Residential Gateway
PRV	Privacy		RIAA	Recording Industry Association of America
PS	Policy Server		RIN	Relative Intensity Noise

RIP	Routing Information Protocol	SC/APC	Standard Connector/ Angled Physical Contact
RJ	Registered Jack		
RKS	Record Keeping Server	SCADA	Supervisory Control and Data Acquisition
RM	Resource Manager	S-CDMA	Synchronous Code Division Multiple Access
RMS	Root Mean Square		
RNOC	Regional Network Operations Center	SCM	Stored Content Manager
RO	Read Only	SCM	Sub-Carrier Multiplexing
ROADM	Re-configurable Optical Add/Drop Multiplexing	SCMS	Serial Copy Management System
		SCN	Service Class Name
ROAP	Rights Object Acquisition Protocol	SCN	Shared Content Network
ROB	Return on Bandwidth	SCO	Synchronous Connection Oriented
ROI	Return on Investment	SCP	Service Control Platform
ROM	Read Only Memory	SCR	Silicon Controlled Rectifier
RPD	Return Path Demodulator	s-CSCF	Serving-Call State Control Function
RPM	Revolutions per Minute	SCSI	Small Computer System Interface
RPR	Resilient Packet Ring	SCTE	Society of Cable Telecommunications Engineers
RS	Reed-Solomon		
RSA	Reed-Solomon Association	SD	Standard Definition
RSVP	Resource reSerVation Protocol	SDB	Switched Digital Broadcast
RSVP-TE	Resource Reservation Protocol with Traffic Engineering	SDH	Synchronous Digital Hierarchy
		SDI	Secure Digital Interface
RT	Real Time	SDIO	Secure Digital Input/Output
RTI	Real Time Ingest	SDK	Software Development Kit
RTN	Regional Transport Network	SDMH	Severely Degraded Modem Hours
RTOS	Real Time Operating System	SDMI	Secure Digital Music Initiative
RTP	Real-time Transport Protocol	SDP	Session Description Protocol
RTPS	Real Time Polling Service	SDRAM	Synchronous Direct Random Access Memory
RTSP	Real Time Streaming Protocol		
RTT	Round-trip Time	SDTV	Standard Definition Television
RU	Rack Unit	SDVOD	Standard Definition Video-on-Demand
RW	Rewind	SERDES	Serializer/Deserializer
RX	Receiver	SES	Severely Errored Seconds
RZ	Return to Zero	SF	Service Flow
RZ-DPSK	Return to Zero Differential Phase Shift keying	SF	SuperFrame
		SFID	Service Flow Identifier
s.f.	Square Foot	SFP	Small Form-factor Pluggable
S/I	Signal-to-Interference Ratio	SG	Service Group
S/IMP	Signal-to-Impulse Ratio	SG	Signaling Gateway
S/N	Signal-to-Noise Ratio	SGC	Signaling Gateway Controller
SAG	Synthetic Analog Gateway	SHDB	Switched High-Definition Digital Broadcast
SAN	Storage Area Network	SI	System Information
SAP	Secondary Audio Program	SIC	Standard Industrial Classification
SAP	Service Access Point	SID	Service Identifier
SARA	Scientific-Atlanta Resident Application	SIP	Session Initiation Protocol
SATA	Serial Advanced Technology Attachment	SLA	Service Level Agreement
SAW	Surface Acoustic Wave	SLC	Shorten Last Codeword
SB	Switched Broadcast	SLIC	Subscriber Line Interface Card
SBC	Switched Broadcast Client	SLM	Signal Level Meter
SBM	Switched Broadcast Manager	SM	Single Mode
SBS	Stimulated Brilliouin Scattering	SMB	Small and Medium Business
SBS	Switched Broadcast Server	SME	Small and Medium Enterprise
SBV	Switched Broadcast Video	SMF	Single Mode Fiber
SBW	Signal Bandwidth		

SMPTE	Society of Motion Picture and Television Engineers	Tbps	Terabits per Second
SMS	Service Management System	TCAP	Transaction Capabilities Application Part
S-MTA	Standalone Multimedia Terminal Adaptor	TCM	Tandem Connection Monitoring
SMTP	Simple Mail Transfer Protocol	TCM	Trellis Coded Modulation
SNG	Satellite News Gathering	TCO	Total Cost of Ownership
SNMP	Simple Network Management Protocol	TCP	Transmission Control Protocol
SNR	Signal-to-Noise Ratio	TCP/IP	Transmission Control Protocol/Internet Protocol
SOA	Semiconductor Optical Amplifier	TDM	Time Division Multiplexing
SOAP	Simple Object Access Protocol	TDMA	Time Division Multiple Access
SOH	State of Health	TDMoIP	Time Division Multiplexing over Internet Protocol
SOHO	Small Office/Home Office		
SONET	Synchronous Optical Network	TEC	Triggered Event Command
SP	Service Provider	TELR	Talker Echo Loudness Rating
SPDIF	Sony/Philips Digital Interface	TFF	Thin Film Filter
SPE	Synchronous Payload Envelope	TFTP	Trivial File Transfer Protocol
SPM	Self phase modulation	TGCP	Trunking Gateway Control Protocol
SPP	Serial Port Profile	TGS	Ticket Granting Server
SPTS	Single Program Transport Stream	THz	Terahertz
SQL	Structured Query Language	TIA	Telecommunication Industry Association
SR	Switch Router	TIA	TransImpedance Amplifier
SRM	Session Resource Manager	TKIP	Temporal Key Integrity Protocol
SRM	System Resource Manager	TL1	Transaction Language One
SRS	Stimulated Raman Scattering	TLS	Transparent LAN Service
SRTP	Secure Real-time Transport Protocol	TLS	Transport Layer Security
SS7	Signaling System number 7	TLV	Type, Length, Value
SSB	Single Sideband	TNCS	Transmission Network Control System
SSH	Secure Shell	TOADM	Tunable Optical Add/Drop Multiplexer
SSL	Secure Sockets Layer	TOD	Television on Demand
SSM	Source Specific Multicast	ToD	Time of Day
SSMF	Standard Single Mode Fiber	TOS	Theft of Service
STB	Set-Top Box	TOS	Type of Service
STG	Subscriber Telephony Gateway	TPL	TDM Private Line
STL	Studio-to-Transmitter Link	TR	Technical Reference
STM	Synchronous Transport Module	TRI	Telephony Return Interface
STP	Spanning Tree Protocol	TRP	Target Rating Points
STS	Synchronous Transport Signal	tRTO	TCP Retransmit Timeout
STT	Set-top Terminal	TSI	Time Slot Interchange
STUN	Simple Transversal of UDP (User Datagram Protocol) Through NAT (Network	TSID	Transport Stream Identifier
		TSR	Technical Service Representative
		TSS	Telephony Switching Sub-System
SU	Subscriber Unit	TTL	Time-to-Live
SUT	System Under Test	TV	Television
SVOD	Subscription Video on Demand	TVOD	Television on Demand
SVP	Secure Video Processor	TWC	Time Warner Cable
SW	Software	TX	Transmit
SX	Short Reach as in 1000Base-SX	U/S	Upstream
SYNC	Synchronization Profile	UA	User Agent
SYSLOG	System Log	UBR	Unspecified Bit Rate
T1	A Telecommunications Standards Committee T1	UCC	Upstream Channel Change
		UCD	Upstream Channel Descriptor
TB	Terabyte	UCID	Upstream Channel Identifier
TBD	To Be Determined		

UDDI	Universal Description, Discovery and Integration	VoIP	Voice over Internet Protocol
		VoWi-Fi	Voice over Wi-Fi
UDLR	Uni-Directional Link Routing	VP	Voltage Peak
UDP	User Datagram Protocol	VPI	Virtual Path Identifier
UDSL	Unidirectional Digital Subscriber Line	VPL	Virtual Private Line
UDWDM	Ultra Dense Wave Division Multiplex	VPLS	Virtual Private LAN Service
UGS	Unsolicited Grant Service	VPN	Virtual Private Network
UGS/AD	UGS with Activity Detection	VPWS	Virtual Private Wire Service
UHF	Ultra High Frequency	VQ	Vector Quantization
UI	User Interface	VRF	Virtual Routing and Forwarding Tables
UMA	Unlicensed Mobile Access	VRTX	Virtual Real-Time Extension
UML	Unified Modeling Language	VS	Video Server
UMTS	Universal Mobile Telecommunications System	VSA	Vector Signal Analyzer
		VSAT	Very Small Aperture Terminal
UNE	Unbundled Network Element	VSB	Vestigial Sideband
UNE-P	Unbundled Network Element - Platform	VT	Virtual Tributary
UNI	User Network Interface	VTS	Video Transport Service
U-NII	Unlicensed National Information Infrastructure	WAN	Wide Area Network
		WCD	Wideband Channel Descriptor
UPnP	Universal Plug and Play	WCM	Wideband Cable Modem
UPS	Uninterruptible Power Supply	WCMTS	Wideband Cable Modem Termination System
URL	Uniform Resource Locator		
US	Upstream	WDM	Wave Division Multiplex
USB	Universal Serial Bus	WECA	Wireless Ethernet Compatibility Alliance
USF	Universal Service Fund	WEP	Wired Equivalent Privacy
USM	User-based Security Model	WFA	Workforce Automation
UTI	Universal Transport Interface	WFM	Workforce Management
UTP	Unshielded Twisted Pair	WiFi	Wireless Fidelity
UWB	Ultra Wideband	WiMax	Worldwide Interoperability for Microwave Access
V	Voltage		
V/A	Video/Audio	WiMedia	An alliance for Wireless Multimedia
VAC	Volts Alternating Current	WIP	Work in Process
VAD	Voice Activity Detection	WLAN	Wireless Local Area Network
VAG	Voice Access Gateway	WM9	Windows Media Player version 9
VBI	Vertical Blanking Interval	WME	Wireless Media Extension
VBR	Variable Bit Rate	WMM	Wi-Fi Multimedia
VBR-NRT	Variable Bit Rate – Non-Real Time	WOFDM	Wavelet Orthogonal Frequency Division Multiplexing
VBR-RT	Variable Bit Rate – Real Time		
VCAT	Virtual Concatenation	WPA	Wireless (Wi-Fi) Protected Access
VCI	Virtual Channel Identifier	WPAN	Wireless Personal Area Network
VCM	Variable Coding and Modulation	WPE	Wireless Plant Extension
Vco	Voltage Cut Off	WRED	Weighted Random Early Detection
VCR	Video Cassette Recorder	WSDL	Web Services Definition Language
VDC	Volts Direct Current	WSS	Wavelength Selective Switch
VDSL	Very High-bit-rate Digital Subscriber Line	WWDM	Wide WDM
VER	Virtual Ethernet Ring	XAUI	10 Gigabit Ethernet Attachment Unit Interface
VHF	Very High Frequency		
VHS	Video Home System	xDSL	Any variant of the Digital Subscriber Line technology
VLAN	Virtual Local Area Network		
VLL	Virtual Leased Line	XENPAK	Fiber Optic Transceiver Module conforming to 10GigE Standard
VN	Voltage Null		
VOD	Video on Demand	XFP	10-Gigabit Small Form-factor Pluggable GBIC Module
VoDSL	Video over Digital Subscriber Line		

XHTML	Extensible Hypertext Markup Language
XMI	XML Metadata Interchange
XML	Extensible Markup Language
XMOD	Cross Modulation
xOD	X-service on Demand (i.e., Movies on Demand)
XPM	Cross-Phase Modulation
xPON	X version of Passive Optical Network
xVOD	X version (or form) of Video on Demand (i.e., Subscription, Near, etc.)
xWDM	Non-specific form of Wave Division Multiplex
y/y	Year Over Year
ZWP	Zero Water Peak
ZWPF	Zero Water Peak Fiber