

3GPP	Third Generation Partnership Project
AAL	ATM Adaptation Layer
ABM	Asynchronous Balanced Mode (HDLC)
ABR	Available Bit Rate
ACK	Acknowledgement
ACSE	Association Control Service Element
ADM	Add-Drop Multiplexer
ADPCM	Adaptive Differential Pulse Code Modulation
ADSL	Asymmetric Digital Subscriber Line
AF	Assured Forwarding
AFI	Authority and Format Identifier
AH	Authentication Header
AM	Amplitude Modulation
AMI	Alternate Mark-Inversion Coding
ANSI	American National Standards Institute
APD	Avalanche Photo Diode (Lawinenphotodiode)
APDU	Application Protocol Data Unit (OSI)
API	Application Programming Interface
APS	Automatic Protection Switching (automatische Umschaltung auf den Ersatzweg)
ARM	Asynchronous Response Mode (HDLC)
ARPANET	Advanced Research Projects Agency Network
ASCII	American Standard Code for Information Interchange
ASE	Application Service Element (ISO)
ASN.1	Abstract Syntax Notation Language
ATM	Asynchronous Transfer Mode
ATMARP	ATM Address Resolution Protocol
ATMRARP	ATM Reversed Address Resolution Protocol
AU	Administrative Unit
AUG	Administrative Unit Group
AU-PTR	Administrative Unit Pointer
B8ZS	Bipolar with 8th Zero Substitution
BECN	Backward Explicit Congestion Notification
BER	Bit Error Rate, Basic Encoding Rules
BGP	Border Gateway Protocol
BIP	Bit Interleaved Parity (Paritätsvergleich)
B-ISDN	Broadband-ISDN
BOOTP	BOOTstraP protocol
BROUTER	Bridge + Router
CAC	Connection Admission Control
CAPI	Common-ISDN-API
CASE	Common Application Service Elements (ISO)
CATI	Charging and Accounting Technology for the Information
CATV	Cable Television
CBR	Constant Bit Rate
CBR	Committed Burst Rate
CBR	Constant Bit Rate
CCITT	Comité Consultatif International Télégraphique et Téléphonique
CCITT	Consultative Committee International Telegraph & Telephone
CCS7	Common Channel Signalling System No.7
CDM	Code Division Multiplexing
CDMA	Code-Division Multiple Access
CIR	Committed Information Rate
CLP	Cell Loss Priority
C-n	Container-n
CODEC:	Coder-Decoder
CORBA:	Common Object Request Broker
CoS	Class of Service
CPU	Central Processing Unit (Prozessor)
CRC	Cyclic Redundancy Check
CR-LDP	Constraint Based Label Distribution Protocol
CSMA/CA	Carrier Sense Multiple Access with Collision Avoidance

CSMA/CD	Carrier Sense Multiple Access with Collision Detection
DB	Data Base
DCE	Data Circuit Equipment
DECT	Digital Enhanced Cordless Telecommunications
Demux	Demultiplexer
DHCP	Dynamic Host Configuration Protocol
DiffServ	Differentiated Services
DNS	Domain Name System
DS	Differentiated Service(s)
DSAP	Destination Service Access Point (LLC)
DSCP	Differentiated Services Code Point
DSL	Digital Subscriber Line
DSP	Domain Specific Part
DSS1	Digital Subscriber Signaling System No. 1
DSSS	Direct Sequence Spread Spectrum
DSU	Data Service Unit
DTE	Data Terminal Equipment
DTMF	Dual-Tone Multi-Frequency signalling
DXC	Digital Cross-Connect
E1	European Transmission Level 1
E3	European Transmission Level 3
EDFA	Erbium-Doped Fibre Amplifier
EDFA	Erbium Doped Fibre Amplifier
ESI	End System Identifier
ESP	Encapsulated Security Payload
ETSI	European Telecommunications Standards Institute
FCS	Frame Check Sequence
FDDI	Fiber Distributed Data Interface (ANSI)
FDM	Frequency Division Multiplexing
FDMA	Frequency Division Multiple Access
FEC	Forward Error Correction (Fehlerkorrektur)
FECN	Forward Explicit Congestion Notification (FR)
FIFO	First-In, First-Out
FR	Frame Relay
FSK	Frequency-Shift Keying
FTP	File Transfer Protocol
FTTB	Fiber-to-the- Building
FTTC	Fiber-to-the-Curb
FTTH	Fiber-to-the-Home
FTTO	Fiber-to-the-Office
GbE	Gigabit Ethernet
Gbit/s	Gigabit per second
Gbit/s	Gigabit pro Sekunde
GBN	Go-Back N
GFC	Generic Flow Control
GHz	Gigahertz
GOS	Grade of Service
GPS	Global Positioning System
GUI	Graphic User Interface
HDB3	High-Density Bipolar Three Zeros Suppression
HDLC	High Level Data Link Control
HDSL	High bit rate Digital Subscriber Line
HDX	Half Duplex
HEC	Header Error Control
HIPERLAN:	High Performance European Radio LAN (ETSI)
HIPPI:	High Performance Parallel Interface (ANSI)
HOL	Head-of-the-Line
HOL	Head of Line
HOSP	High Order Domain Specific Part
HTTP	Hyper Text Transfer Protocol
I/O	Input/Output
IAM	Initial Address Message (SS7)

IANA:	Internet Assigned Number Authority
ICI	Interface Control Information (ISO)
ICMP	Internet Control Message Protocol
IDP	Initial Domain Part
IDU	Interface Data Unit (ISO)
IEEE	Institute of Electrical and Electronic Engineers
IESG:	Internet Engineering Steering Group
IETF	Internet Engineering Task Force
IGP	Interior Gateway Protocol
IMSI	International Mobile Subscriber Identity (GSM)
IN	Intelligent Network
IntServ	Integrated Services
IP	Internet Protocol
IPoA	IP over ATM
IPSec	Internet Protocol Security
ISDN	Integrated Services Digital Network
ISO	International Standards Organization
ISP	Internet Service Provider
IT	Information Technology
ITU	International Telecommunication Union
ITU-T	ITU Telecommunication Standards
IWU	Interworking Unit
kbit/s	kilobit per second
L2	Layer 2
L2TP	Layer 2 Tunnelling Protocol
L3	Layer 3
LAN	Local Area Network
LAP	Link Access Procedure
LAPB	Link Access Procedure - Balanced
LAPD	Link Access Procedure - D-Channel (ISDN)
LAPDm	Link Access Procedure - D-Channel modified (GSM)
LAPF	Link Access Procedure - Frame Relay
LAPM	Link Access Procedure - Modems
LASER	Light Amplification by Stimulated Emission of Radiation
LCP	Link Control Protocol (PPP)
LED	Light Emitting Diode
LEO	Low Earth Orbit satellite system
LLC	Logical Link Control (IEEE)
LT	Line Termination
LTE	Line Termination Equipment
MAC	Medium Access Control
MAN	Metropolitan Area Network
MAU	Media Attachment (Access) Unit (IEEE)
Mbit/s	Megabit per second
Mbit/s	Megabit pro Sekunde
MFC	Multi Frequency Code
MHz	Megahertz
Modem	Modulator-Demodulator
MP3	Moving Picture Experts Group Audio Layer 3
MPEG	Motion Pictures Expert Group
MPLS	MultiProtocol Label Switching
MS	Multiplexer Section
MSN	Manhattan Street Network
MSOH	Multiplexer Section Overhead
MTTF	Mean Time-to-Failure
MTTR	Mean Time-to-Repair
MUX	Multiplexer
NAK	Negative Acknowledgement
NAT	Network Address Translation
NE	Network Element
NEXT	Near-End Cross Talk

N-ISDN	Narrowband-ISDN
NNI	Network Network Interface
NOC	Network Operation Centre
NRZ	Nonreturn to Zero
NRZI	Non Return to Zero Inverted
NT	Network Termination
OADM	Optical Add-Drop Multiplexer
OAM	Operation, Administration and Maintenance
OC	Optical Carrier
O-E-O	optisch-elektrisch-optisch
OSI	Open Systems Interconnection
OSPF	open Shortest Path First
OUI	Organizationally Unique Identifier
OXC	Optical Cross-Connect
PAD	Padding
PC	Personal Computer
PCI	Protocol Control Information
PCM	Pulse Code Modulation
PDH	Plesiochrone Digitale Hierarchie
PDH	Plesiochronous Digital Hierarchy
PDU	Protocol Data Unit
PHB	Per Hop Behaviour
PHY	Physical Layer
PLCI	Physical Link Connection Identifier
PLL	Phase Locked Loop (Phasenregelschleife)
PM	Phase Modulation
PNNI	Private Network to Network Interface
POH	Path Overhead
POP	Point of Presence
POTS	Plain Old Telephone Services
PPP	Point-to-Point Protocol
PSTN	Public Switched Telephone Network
PT	Payload Type
PTM	Packet Transfer Mode
PTR	Pointer
PVC	Permanent Virtual Circuit
QoS	Quality of Service
RAM	Random Access Memory
REJ	Reject frame
RFC	Request for Comments
RIF	Routing Information Field
RNR	Receive not Ready frame
ROSE	Remote Operations Service Element
RPC	Remote Procedure Call
RR	Receive Ready frame
RS	Regenerator Section
RSOH	Regenerator Section Overhead
RSOH	Regenerator Section Overhead
RSVP	Resource Reservation Protocol
RTCP	Realtime Transport Control Protocol
RTP	Realtime Transport Protocol
RTSP	Realtime Streaming Protocol
RTT	Round-Trip Time
RX	Receive(r) (empfangen, Empfänger, empfangseitig)
SAAL	Signaling AAL
SABM	Set ABM
SABME	Set ABME
SAN	Server Area Network
SAN	Storage Area Network
SAP	Service Access Point
SAPI	Service Access Point Identifier
SAR	Segmentation and Reassembly

SCP	Service Control Point (IN)
SD	Starting Delimiter
SDH	synchrone digitale Hierarchie
SDH	Synchronous Digital Hierarchy
SDM	Space Division Multiplexing
SDMA	Space Division Multiplexing Access
SDU	Service Data Unit
SG16	Study Group 16 of the ITU-T
SIP	Session Initiation Protocol
SLA	Service Level Agreement
SLIP	Serial Line Internet Protocol
SMTP	Simple Mail Transfer Protocol
SNMP	Small Network Management Protocol
SNR	Signal to Noise Ratio (Signalzurauschverhältnis)
SOH	Section Overhead
SONET	Synchronous Optical Network (synchrones optisches Netz)
SP	Service Provider
SREJ	Select Reject frame
SRT	Source Routing Transparent Bridge
SS7	Signaling System Number 7
STM	Synchronous Transport Modul (synchroner Transportmodul)
STM-n	Synchronous Transport Module level n (SDH)
STP	Signaling Transfer Point
STP	Shielded Twisted Pair
STP	Spanning Tree Protocol (IEEE 802.1d)
STS	Synchronous Transport Signal
STS-n	Synchronous Transport Signal Level n (SONET)
SVC	Switched Virtual Circuit
TAT	Trans-Atlantic Telecommunications
TB	Transparent Bridge
Tbit/s	Terabit per second
TCAP	Transaction Capabilities Application Part
TCP	Transmission Control Protocol
TDM	Time Division Multiplex (Zeitmultiplex)
TDMA	Time Division Multiplexing Access
TE	Terminal Equipment
TE	Traffic Engineering
TEI:	Terminal Endpoint Identifier (ISDN)
THz	Terahertz
ToS	Type of Service
TU	Tributary Unit
TUG	Tributary Unit Group
TU-PTR	Tributary Unit Pointer
TX	Transmit(ter) (senden, Sender, sendeseitig)
UDP	User Datagram Protocol
UMTS	Universal Mobile Telecommunications System
UNI	User Network Interface
URL	Universal Resource Locator
UTP	Unshielded Twisted Pair
VC	Virtual Container
VC	Virtual Channel
VCI	Virtual Channel Identifier
VC-n	Virtual Container-n
VLAN	Virtual Local Area Network
VoIP	Voice over IP
VP	Virtual Path
VPI	Virtual Path Identifier
VPN	Virtual Private Network
VSAT	Very Small Aperture Terminal
W3	World Wide Web
WAN	Wide Area Network
WDM	Wavelength Division Multiplexing

WDMA	Wavelength-Division Multiple Access
WLAN	Wireless LAN
WWW	World Wide Web
XC	Cross Connect