



Acronyms

Numerics

10BaseT	standard 10 megabit per second local area network over unshielded twisted pair copper wire
100BaseT	standard 100 megabit per second Ethernet network
100BaseTx	specification of 100BaseT that supports full duplex operation

A

ACO	Alarm Cutoff
ACT/STBY	Active/Standby
ADM	Add-Drop Multiplexer
AIC	Alarm Interface Controller
AID	Access Identifier
AIP	Alarm Interface Panel
AIS	Alarm Indication Signal
AIS-L	Line Alarm Indication Signal
AMI	Alternate Mark Inversion
ANSI	American National Standards Institute
APS	Automatic Protection Switching
ARP	Address Resolution Protocol
ATAG	Autonomous Message Tag
ATM	Asynchronous Transfer Mode
AWG	American Wire Gauge

B

B8ZS	Bipolar 8 Zero Substitution
BER	Bit Error Rate
BIC	Backplane Interface Connector
BIP	Bit Interleaved Parity
BITS	Building Integrated Timing Supply
BLSR	Bi-directional line switched ring
BNC	Bayonet Neill-Concelman (coaxial cable bayonet locking connector)
BPDU	Bridge Protocol Data Unit

C

CAT 5	Category 5 (cabling)
CCITT	Consultative Committee International Telegraph and Telephone (France)
CEO	Central Office Environment
CEV	Controlled Environment Vaults
CLEI	Common Language Equipment Identifier code
CLNP	Correctionless Network Protocol
CMIP	Common Management Information Protocol
cm	centimeter
COE	Central Office Environment
CORBA	Common Object Request Broker Architecture
CoS	Class of Service
CPE	Customer Premises Environments
CSU	Channel Service Unit
CTAG	Correlation Tag
CTC	Cisco Transport Controller

D

DCC	Data Communications Channel
DCN	Data Communications Network
DCS	Distributed Communications System
DRAM	Dynamic Random Access Memory
DS-1	Digital Signal Level One
DS-3	Digital Signal Level Three
DS1-14	Digital Signal Level One (14 ports)
DS1N-14	Digital Signal Level One (N-14 ports)
DS3-12	Digital Signal Level Three (12 ports)
DS3N-12	Digital Signal Level Three (N-12 ports)
DS3XM-6	Digital Service, level 3 Trans Multiplexer 6 ports
DSU	Data Service Unit
DSX	Digital Signal Cross Connect frame

E

EDFA	Erbium Doped Fiber Amplifier
EFT	Electrical Fast Transient/Burst
EIA	Electrical Interface Assemblies
ELR	Extended Long Reach
EMI	Electromagnetic interface
EML	Element Management Layer
EMS	Element Management System
EoMPLS	Ethernet over Multiprotocol Label Switching
EOW	Express Orderwire
ERDI	Enhanced Remote Defect Indicator
ES	Errored Seconds
ESD	Electrostatic Discharge

ESF	Extended Super Frame
ETSI	European Telecommunications Standards Institute
F	
FC	Failure Count
FDDI	Fiber Distributed Data Interface
FE	Frame Bit Errors
FG1	Frame Ground #1(pins are labeled "FG1," "FG2," etc.)
FSB	Field Service Bulletin
G	
Gb/s	Gigabits per second
GBIC	Gigabit Interface Converter
GR-253-CORE	General Requirements #253 Council Of Registrars
GR-1089	General Requirements #1089
GUI	Graphical User Interface
H	
HDLC	High-Level Data Link Control
I	
IEEE	Institute of Electrical and Electronics Engineers
IETF	Internet Engineering Task Force
IP	Internet Protocol
IPPM	Intermediate-Path Performance Monitoring
I/O	Input/Output
ITU-T	The International Telecommunication Union- Telecommunication Standards Sector
IXC	Interexchange Carrier

J

JRE Java Runtime Environment

L

LAN Local Area Network

LCD Liquid Crystal Display

LDCC Line Data Communications Channel

LOP Loss of Pointer

LOS Loss of Signal

LOF Loss of Frame

LOW Local Orderwire

LTE Line Terminating Equipment

LVDS Low Voltage Differential Signal

M

MAC Media Access Control

Mb/s Million bits per second, or Million bytes per second

MHz Megahertz

MIB Management Information Bases

MIME Multipurpose Internet Mail Extensions

Mux/Demux Multiplexer/Demultiplexer

N

NE Network Element

NEL Network Element Layer

NEBS Network Equipment-Building Systems

NML Network Management Layer

NMS Network Management System

O

OAM&P	Operations, Administration, Maintenance, and Provisioning
OC	Optical carrier
OOS AS	Out of Service Assigned
OSI	Open Systems Interconnection
OSPF	Open Shortest Path First
OSS	Operations Support System
OSS/NMS	Operations Support System/Network Management System

P

PCM	Pulse Code Modulation
PCMCIA	Personal Computer Memory Card International Association
PCN	Product Change Notices
PDI-P	STS Payload Defect Indication-Path
POP	Point of Presence
PM	Performance Monitoring
PPMN	Path-Protected Mesh Network
PSC	Protection Switching Count
PSD	Protection Switching Duration
PTE	Path Terminating Equipment

Q

QoS	Quality of Service
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R

RAM	Random Access Memory
RDI-L	Remote Defect Indication Line
RES	Reserved

RJ45	Registered Jack #45 (8 pin)
RMA	Return Material Authorization
RMON	Remote Network Monitoring
RPR	Resilient Packet Ring
RS232	Recommended Standard #232 (ANSI Electrical Interface for Serial Communication)
Rx	Receive

S

SCI	Serial Communication Interface
SCL	System Communications Link
SDCC	Section Data Communications Channel
SDH/SONET	Synchronous Digital Hierarchy/Synchronous Optical Network
SEF	Severely Errored Frame
SELV	Safety Extra Low Voltage
SES	Severely Errored Seconds
SF	Super Frame
SFP	Small Form-factor Pluggable
SML	Service Management Layer
SMF	Single Mode Fiber
SNMP	Simple Network Management Protocol
SNTP	Simple Network Time Protocol
SONET	Synchronous Optical Network
SPE	Synchronous Payload Envelope
SSM	Synchronous Status Messaging
STA	Spanning Tree Algorithm
STP	Shielded Twisted Pair
STS-1	Synchronous Transport Signal Level 1

SWS	SONET WAN Switch
SXC	SONET Cross Connect ASIC
T	
TAC	Technical Assistance Center
TBOS	Telemetry Byte Oriented Serial protocol
TCA	Threshold Crossing Alert
TCC+	Timing Communications and Control+ Card
TCP/IP	Transmission Control Protocol/Internet Protocol
TDM	Time Division Multiplexing
TDS	Time Division Switching
TID	Target Identifier
TL1	Transaction Language 1
TLS	Transparent LAN service
TMN	Telecommunications Management Network
TSA	Time Slot Assignment
TSI	Time-Slot Interchange
Tx	Transmit
U	
UAS	Unavailable Seconds
UDP/IP	User Datagram Protocol/Internet Protocol
UID	User Identifier
UTC	Universal Time Coordinated
UTP	Unshielded Twisted Pair
V	
VDC	Volts Direct Current

VLAN Virtual Local Area Network
VPN Virtual Private Network
VT1.5 Virtual Tributary equals 1.544 megabits per second

W

WAN Wide Area Network
W Watts

X

XC Cross Connect
XCVT Cross-connect Virtual Tributary
X.25 Protocol providing devices with direct connection to a packet switched network

