

iPASOLINK EX
Advanced

***ABBREVIATIONS &
ACRONYMS***

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ABBREVIATIONS & ACRONYMS

ACAP	Adjacent Channel Alternate Polarization	BTS	Base Transceiver Station
ACCP	Adjacent Channel Co-Polarization	CAPEX	Capital Expenditure
ACK	Acknowledgment	CBS	Committed Burst Size
ACR	Adaptive Clock Recovery	CDDP	Co-Channel Dual Polarization
AES	Advanced Encryption Standard	CCM	Continuity Check Message
AGC	Automatic Gain Control	CEPT	Conference of European Postal & Telecommunication Administration
AIS	Alarm Indication Signal	CIR	Committed Information Rate
ALM	Alarm	CKT, ckt	Circuit
ALS	Automatic Laser Shutdown	CLI	Command Line Interface
AMBR	Adaptive Modulation and Bandwidth Radio	CLK	Clock
AMR	Adaptive Modulation Radio	CMF	Channel Mismatch Failure
ANT, Ant.	Antenna	CMI	Coded Mark Inversion
APS	Automatic Protection Switch	CNR	Carrier Noise Ratio
ARP	Address Resolution Protocol	CONV	Converter
ATT	Attenuator	CORBA	Common Object Request Broker Architecture
ATPC	Automatic Transmitter Power Control	CoS	Class of Service
AU	Administrative Unit	CPU	Central Processing Unit
AUX	Auxiliary	CR	Critical
Ave	Average	CRC	Cyclic Redundancy Check
BBE	Background Block Error	CS	Channel Separation
BC	Boundary Clock	CSR	Cell Site Router
BER	Bit Error Ratio/Rate	CTRL	Control
BFD	Bidirectional Forwarding Detection	CV	near and Code Violation
BGP	Border Gateway Protocol	CW	Carrier Wave
BNM	Bandwidth Notification Message	DA	Destination Address
BPF	Band Pass Filter	DADE	Differential Absolute Delay Equalizer
BRM	Backhaul Resource Manager	DB	Database
BS	Base Station	DC	Direct Current
BSC	Base Station Controller	DCN	Data Communication Network

DEG	Degraded	ETH	Ethernet
DEI	Drop Eligible Indicator	ETH-CC	ETH-Continuity Check function
DEM	Demodulator	ETH-LB	ETH-Loopback function
DES	Data Encryption Standard	ETH-LBM	ETH-Loopback Message
Des (Dest)	Destination	ETH-LBR	ETH-Loopback Reply
DHCP	Dynamic Host Configuration Protocol	ETH-LT	ETH-Link Trace function
DI	Data-In	ETH-LTM	ETH-Link Trace Message
D/I	Drop and Insert	ETH-LTR	ETH-Link Trace Reply
DL	Download	ETH-OAM	Ethernet Operations, Administration and Maintenance
DM	Delay Measurement	ETH-OAM LB	ETH-OAM Loopback
DMM	Delay Measurement Message	ETH-OAM LT	ETH-OAM Link Trace
DMR	Delay Measurement Reply	ETH-RDI	ETH-Remote Defect Indication function
DNU	Do Not Use (SSM value)	ETSI	European Telecommunications Standards Institute
DO	Data-Out	EX/A	(iPASOLINK) EX Advanced
DSC	Digital Service Channel	EXC	Electrical Cross Connect
DSCP	Differentiated Services Code Pointer	E-to-E	End-to-End
DUP	Duplexer	Fail	Failure
DXC	Digital Cross Connect	F/B	Front Back Ratio
E1	E-carrier level 1	FCC	Federal Communications Commission
EBS	Express Burst Size	FCS	Frame Check Sequence
EC	Enhanced Compact (TRP)	FD	Frequency Diversity
EIR	Excess Information Rate	FDB	Forwarding Database
EMC	Electro Magnetic Compatibility	FE	Fast Ethernet
EML	Element Management Layer	FEC	Forward Error Correction
EMS	Element Management System	FEBBE	Far End Background Block Error
ENI	Enhanced Network Interface	FEES	Far End Errored Seconds
EOW	Engineering Orderwire	FESES	Far End Severely Errored Seconds
EPS	ETH-Protection Switch	FEUAS	Far End Unavailable Seconds
EQL	Equalizer	FIB	Forwarding Information Base
ERP	ETH-Ring Protection Switch	FPGA	Field Programmable Gate Array
ES	Errored Seconds		
ESMC	Ethernet Synchronization Message Channel		

F/W	Firmware	LB	Loopback
3GPP	3rd Generation Partnership Project	LBM	Loopback Message
GbE, GBE	Gigabit Ethernet	LCD	Loss of Cell Delineation
GI	Graded Index (cable)	LCT	Local Craft Terminal
GUI	Graphical User Interface	LDP	Label Distribution Protocol
H	Horizontal	LDPC	Low Density Parity Check
HDB	High Density Bipolar	LED	Light Emitting Diode
HK	Housekeeping	LER	Label Edge Router
HP	Higher order Path	Lev.	Level
HYB	Hybrid	LLDP	Link Layer Discovery Protocol
H/W	Hardware	LLF	Link Loss Forwarding
ID	Identification	LM	Loss Measurement
IDU	Indoor Unit	LMM	Loss Measurement Message
IE	Internet Explorer	LNA	Low Noise Amplifier
IEC	International Electrotechnical Commission	LO	Local Oscillator
IEEE	Institute of Electrical and Electronics Engineers	LOC	Loss of Continuity
I/F	Interface	LOF	Loss of Frame
IF	Intermediate Frequency	LOM	Loss of Multiframe
IHG	iPASOLINK High Grade	LOP	Loss of Pointer
IN	Input	LO REF	Local Reference Signal Loss
INTFC	Interface	LOS	Loss of Signal
I/O	Input/Output	LP	Lower Order Path
IP	Internet Protocol	LPM	Link Performance Monitor
IS-IS	Intermediate System to Intermediate System	LSP	Line Spectrum Pair ; Label Switched Paths
ITU	International Telecommunication Union	LSR	Label Switching Router
ITU-R	Radio Communication Sector of ITU	LT	Link Trace
ITU-T	Telecommunication Sector of ITU	LTI	Loss of Incoming Timing Input
L2SW	Layer 2 Switch	LTM	Link Trace Message
LAG	Link Aggregation Group	MAC	Media Access Control
LAN	Local Area Network	MAINT	Maintenance
		MAX	Maximum
		Mdev	Mean Deviation

MD CPU	MODEM CPU	MW	Microwave
MD4	Message Digest Algorithm 4	N/A	Not Applicable
MD5	Message Digest Algorithm 5	NBI	Northbound Interface
MDI	Medium Dependent Interface	ND	Neighbor Discovery (protocol)
MDIX	Medium Dependent Interface Crossover	NE	Network Element
MDP	Modulator/Demodulator Equipment	NML	Network Management Layer
MEG	Maintenance Entity Group	NMS	Network Management System
MEM	Memory	NNI	Network-to-Network Interface
MEP	MEG End Point	ns	nanosecond
MIN	Minimum	OAM	Operation Administration and Maintenance
MIP	Maintenance Intermediate Point	OCR	Occur
MIX	Mixer	Octs	Octets
MJ	Major	ODU	Outdoor Unit
MMC	Multi Media Card	OFS	Out of Frame Second
MME	Mobility Management Entity	OMT	Orthogonal Mode Transducer
MMG	Mismerge	OPEX	Operational Expenditure
MN	Minor	OPP	Opposite
MOD	Modulator	OPR	Operation
MODEM	Modulator Demodulator	OPT	Optical
MON	Monitor	OSPF	Open Shortest Path First
MPLS-TP	Multiprotocol Label Switching — Transport Profile	OSS	Operation Support System
MPX	Multiplexer	OUT	Output
MS	Multiplex Section	OW	Orderwire
MSC	Mobile Switching Center	PA	Power Amplifier
MSDU	MAC Service Data Unit	PBR	Pressurizable Type B, flange profile square Rectangular
MSE	Multi Service Engine	PCP	Priority Code Point
MSP	Multiplex Section Protection	PDH	Plesiochronous Digital Hierarchy
MTA	Multi Traffic Aggregation	PDU	Protocol Data Unit
MTBF	Mean Time Between Failure	PGM	Program
MTPC	Manual Transmitter Power Control	PHY	Physical
MUX	Multiplexing Equipment	PIR	Peak Information Rate

PJE	Pointer Justification Event	RF	Radio Frequency
PJE-N	Pointer Justification Event Negative Stuff	RFS	Radio Frequency Systems
PJE-P	Pointer Justification Event Positive Stuff	RIB	Routing Information Base
PKG	Package	RL	Relay
Pkts	Packets	RMON	Remote Network Monitoring
PLM	Payload Label Mismatch	RNC	Radio Network Controller
PMC	PASOLINK Management Card	RPL	Ring Protection Link
PMON	Performance Monitor	RS	Regenerator Section
PNMSj	PASOLINK Network Management System Java Version	RS-232	Recommended Standard 232
PPI	PDH PHY Interface	RSL	Received Signal Level
ppm	parts per million	RSSI	Received Signal Strength Indication
PPP	Point-to-Point Protocol	RST	Regenerator Section Termination
PPS	Path Protection Switch	RSTP	Rapid Spanning Tree Protocol
PQ	Priority Queuing	RSVP	Resource Reservation Protocol
PRC	Primary Reference Clock	RTC	Radio Transparent Clock
PRM	Parameter	RX	Receiver
PROT	Protection	SAToP	Structure Agnostic TDM over Packet
PS	Power Supply	SC	Service Channel
RSL	Receive Signal Level	SD	Space Diversity
PSC	Protection Switching Counts	SDH	Synchronous Digital Hierarchy
PSD	Protection Switching Duration	SDN	Software Defined Network
PTP	Precision Time Protocol	SEC	SDH Equipment Clock
PWE	Pseudo-Wire Emulation	SEG	Segment
PWR	Power	SEP	Severely Errored Period
QAM	Quadrature Amplitude Modulation	SES	Severely Errored Seconds
QoS	Quality of Service	SFP	Small Form Factor Pluggable
QPSK	Quadrature Phase Shift Keying	SGMI	Security Gateway Management Interface
RCVR	Recover	SI	Step Index (cable)
REF	Reference	SMS	Synchronous Multiplexing System
REM	Remote	SMU	Source Measure Unit
RDI	Remote Defect Indication	SNCP	Sub-network Connection Protection

SNMP	Simple Network Management Protocol	TRP	Transmitter-Receiver Equipment
SP	Strict Priority	TTL	Time to Live
SPD	Speed	TU	Tributary Unit
SRC	Source MAC Address	TX	Transmitter
SSM	Synchronization Status Message	UAE	UAS Event
SSU	Synchronization Supply Unit	UAS	Unavailable Seconds
STAT	Status	UL	Upload
STD	Standard	UNEQ	Unequipped
STM	Synchronous Transport Module	UNEXP	Unexpected
STP	Spanning Tree Protocol	UNI	User Network Interface
SUB	Substitute	Unicast DMR	Unicast Delay Measurement Reply
SW	Switch	UNM	Unexpected MEP
S/W	Software	UNP	Unexpected Period
SWG	Switch Group	USB	Universal Serial Bus
SYNC	Synchronous	V	Vertical; Volt
TC	Transparent Clock	VC	Virtual Channel
TCA	Threshold Crossing Alert	VLAN	Virtual LAN
TCI	Tag Control Information	VP	Virtual Path
TCN	Threshold Crossing Notification	VPN	Virtual Private Network
TDM	Time Division Multiplex	VRF	VPN Routing and Forwarding
TDMoETH	TDM over Ethernet	VRRP	Virtual Router Redundancy Protocol
TDMoP	TDM over Packet	VSWR	Voltage Standing Wave Ratio
TEMP	Temperature; Temporary	WDM	Wavelength Division Multiplexing
TERM	Terminal	WG	Waveguide
TF	Transmit Fail	WR	Warning
TIM	Trace Identifier Mismatch	WRR	Weighted Round Robin
TLV	Type Length Value	WWW	World Wide Web
TM	Through Mode	WS	Wayside
TNC	Threaded Neill-Concelman	XCTRL	XPIC Control
ToS	Type of Service	X-DEM	XPIC Demodulator
TPID	Tag Protocol Identifier	XFP	10 (X) Gigabit Small Form Factor Pluggable
TQC	Total Quality Control	XIF	XPIC IF

XPD	Cross Polarization Discrimination Ratio
XPIC	Cross Polarization Interface Cancellor
XREF	XPIC Reference

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