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3GPP	3rd Generation Partnership Project
4G	Fourth Generation
APD	Avalanche photodiode
BER	<i>Bit Error Rate</i>
CWDM	<i>Coarse Division Multiplexing</i>
DWDM	<i>Dense Wavelength Division Multiplexing</i>
E-UTRAN	<i>Evolved – Universal Terrestrial Radio Access Network</i>
EDFA	<i>Erbium Doped Fiber Amplifier</i>
EPC	<i>Evolved Packet Core</i>
FEC	<i>Forward Error Correction</i>
FTTCell	<i>Fiber To The Cell</i>
GPON	Gigabit capable Passive Optical Network
HSS	<i>Home Subscriber Service</i>
ITU-T	<i>International Telecommunication Union – Telecommunication Standardization Sector</i>
LTE	Long Term Evolution
MME	Mobility Management Entity
MZM	Mach Zender Modulator
NRZ	<i>Non – Return Zero</i>
OLT	<i>Optical Line Terminal</i>
ONU/ONT	<i>Optical Network Unit / Optical Network Terminal</i>
OSI	Open System Interconnection

PIN	<i>Positive-Intrinsic-Negative</i>
PMD	<i>Polarization Mode Dispersion</i>
QoS	Quality of Service
RRU	Remote Radio Unit
RZ	Return Zero
S/P-GW	<i>Serving / Packet data network Gateway</i>
SDH	<i>Synchronous Digital Hierarchy</i>
SMF	<i>Single Mode Fiber</i>
SNR	<i>Signal to Noise Ratio</i>
SOA	<i>Semiconductor Optical Amplifier</i>
SONET	<i>Synchronous Optical Network</i>
TDM	<i>Time Division Multiplexing</i>
UE	User Equipment
VoIP	<i>Voice over IP</i>
WiFi	<i>Wireless Fidelity</i>
WDM	<i>Wavelength Division Multiplexing</i>
XG-PON	<i>10-Gigabit capable Passive Optical Network</i>