

REPUBLIQUE ARABE SYRIENNE  
ACADÉMIE ARABE



الجمهورية العربية السورية  
مجمع اللغة العربية

## قائمة مصطلحات الاتصالات

مراجعة

لجنة مصطلحات الاتصالات في المجمع

٢٠١٦

**-A-**

**Absorption**

( )

**Acceptance Angle**

**Accepted Interference**

**Access Point**

. wi-fi

**Account**

**Account Book**

**Active**

**Active Satellite**

**Activity**

**AD HOC**

**Administration**

**ADN (Advanced Digital Network)**

( )

**ADSL (Asymmetric Digital subscriber Line)**

( )

**Aeronautical Mobile Service**

**AES (Advanced Encryption Standard)**

( )

**AGC (Automatic Gain Control)**  
( )  
.Automatic Gain Control

**AH (Authentication Header)**  
( )  
IPSEC

.checksum

**Air Contract Data Collection System [ACDCS]**

**Air Interface Protocol**

( )  
( )  
**ALF (Application Layer Filter)**  
( )

**Algorithm**  
( )

**Alignment Technique**

**Allotment** -

**AM (Amplitude Modulation)**  
( )

**Amateur Service**

**Analogue Signal**

**Analogue to Digital Converter (ADC)**

**Ancillary** -

**Angle of Incidence**

**Annotation**

**Ant (Antenna)** ( )  
.Antenna

**ANTENNA**

**Antenna Array**

**Array**

( )

**Assignment (of a Radio Frequency or Radio Frequency Channel)**

**Aperture**

( )

**Apple Talk**

**Async (Asynchronous)**

**Apple**

( )

Apple

**Application**

**Asynchronous Transfer Mode (ATM)**

**Application Layer**

OSI

TCP/IP

**ATM (Asynchronous Transfer Mode)**

( )

Asynchronous Transfer Mode

**Attachment**

( )

**APS (Antenna Positioning System)**

( )

**Attenuation**

**Armoring**

**Attenuation Coefficient**

**Auxiliary** -

**Authorization** -

**Availability** -

( )

**Avalanche Photodiode (APD)**

**Auto Acknowledge**

**AVL (Automatic Vehicle Location)**

( )

**Automatic Frequency Control (AFC)**

.GPS

( )

**Azimuth**

**Automatic Gain Control (AGC)**

**Azimuth Angle**

.Azimuth

**Aux** ( - )

# -B-

**Back End**

" - "

-

**Backbone**

-

-

-

**Backscattering Technique**

/

**Backup**

**Bandwidth**

-

-

-

( )

( )

**Base Station**

( )

**Baseband**

**Bayesian Filtering**

**BDC : Block Down Converter**

**Beam Width**

**Bending Method**

( )

.0.1 dB

**BER (Bit Error Rate)**

( )

.Bit Error Rate

**Bit**

Binary Digit ( )

**BPSK (Binary Phase Shift Keying)**

( )

**Branching Element**

)

.(

**Bit Error Rate**

**Break**

**Bridge**

**Blocking**

-

**Bluetooth**

2.485 2.4

/

**Broad Band**

**BNC Connector**

**BNC**

**Broadband Services**

.UHF

**Broadcast**

**BORESIGHT**

)

(

**Bps**

/

**Broadcasting Service**

**BS (Base Station)** ( )  
.Base Station

**BSC (Base Station Controller)**  
( )

(.BTS)  
)  
(

**BSS (Basic Service Set)**  
( )

**BSS (Broadcast Satellite Service)**  
( )

**BTS (Base Transceiver System)**  
)  
(

duplexer

BS

.RBS

**Butt Joint**

**Buttonhook Feed**

LNA

LNA

**BW (Bandwidth)**

-  
.Bandwidth

**Byte**



**-C-**

<b>C Band</b>	(C)	<b>CCITT (Comité Consultatif International de Télégraphie et Téléphonie)</b>
<b>Cable Core</b>		( )
<b>Cable Sheath</b>		
		standards
		<b>CCK (Common Cipher Key)</b>
<b>Call Control</b>		( )
		( )
<b>Call Diversion (call forwarding)</b>		
		<b>CCK (Complementary Code Keying)</b>
		( )
		.IEEE 802.11b
<b>Call in Absence</b>		64
		/ 5.5
		2.4 / 11
<b>Camcorder</b>		<b>CDMA (Coded Division Multiple Access)</b>
		( )
<b>Camera Control Unit</b>		
( )		
<b>Catalog</b>		<b>CD-ROM</b>

**Cell**

**Cladding Diameter**

**Central Processing Unit (CPU)**

**Cladding Glass**

**CLAM AV (Clam Anti-Virus)**

GPL

.UNIX

**Clamp Circuit**

**Chat**

**Chromatic Dispersion**

**Clone**

**Coating**

**Circular Polarized Light**

**Coaxial Cable**

**Cladding**

**Coding**

**Configuration**

**.com (Commercial Organizations)**  
( )

**Connectivity**

**Connector**

**Communications**

**Continuous Wave (CW)**

( )

**Compact Disk**

/

**Control Room**

**Compression**

**Coordinated Universal Time (UTC)**

:  
)

**Core**

**Comsat : Commercial Satellite**

**Confidentiality**

**Core Diameter**

**Coupler**

/

**CRC (Cyclic Redundancy Check)**  
( )

**CSMA/CD(Carrier Sense Multiple  
Access With Collision Detection)**  
)  
(

**Critical Angle**

**Crosstalk**

**Current Affairs - Talk Show**  
-  
:

**CSMA/CA (Carrier Sense Multiple  
Access/Collision Avoidance)**  
)  
(

**-D-**

**D/A (Digital to Analogue) (DAC)**  
( / )

**Database**

**Database Management System (DMS)**

**DAMA (Demand Assigned Multiple Access)**

**DBS : Direct Broadcast Satellite**

**Data**

**DECIBEL (dB)**

**Data Bank**

**decimetric waves**

**Data Capture**

**DECT (Digitally Enhanced Cordless Technology)**

**Data Encryption Standard (DES)**  
( )

( )

(TDMA)

)

**Data Link Layer**

OSI

(

**Data Rate**

**DES (Data Encryption Standard)**  
( )

Data Encryption Standard

**Destructive Interference**

**Direct Access**

**DHCP (Dynamic Host Configuration Protocol)**

**Direction Finding**

)

-

(

**Directivity**

/

)

)

(

(

:

**Dielectric Medium**

**Differential Mode Delay Measurement**

**Dispersion**

-

-

-

**DMZ (Demilitarized Zone)**

(

)

**Diffraction**

(

)

)

(

:

**DNAT (Destination Network Address Translation)**

(

)

**Digital Signal**

(IP)

IP

**DNS (Domain Name System)**  
( )

**Downlink**

**Downlink Antenna**

TCP/IP

**Download** -

**DSL (Digital Subscriber Line)**  
( )

**DNSBL (Domain Name Service Based Spam Blocking)**  
( )

**DSLAM (Digital Subscriber Line Access Multiplexer)**  
( )

**Domain** -

**DTL (Direct Transistor Logic)**  
( )

**Domain Name Server**

**DTMF (Dual Tone Multi Frequency)**  
( )

**Doping** -

( )

**Down-converter**

**Duplex**

**DVB : (Digital Video Broadcast)**  
( )

**DVBS2 :(Digital Video Broadcast  
SatelliteV.2)**  
: )

( )  
)  
.(

**DVB-C : (Digital Video Broadcast  
Cable)**  
( )

**DVB-T : (Digital Video Broadcast  
Terrestrial)**

**DVB-S :(Digital Video Broadcast  
Satellite)**  
( )

)  
(



**-E-**

**E1**

2.048

**E1**

**Electronic Archiving**

**Earth Station**

**Electronic Data Interchange (EDI)**

**edu. (Educational Institutions)**

( )

**Electronic Files**

**Efficiency**

**Elevation**

**EFP (Electronic Field Production)**

**Elevation Angle**

( )

**EIA (Electronics Industries Association)**

( )

**Elliptically Polarized Light**

**EIRP (Effective Isotropically Radiated Power)**

( )

**Email**

**EMI (Electro-Magnetic Interference)**

( )

**Electrolysis**

-

**Encryption**

**ESP (Encapsulating Security Payload)**  
( )

.IPv4, IPv6

**Encryption Key**

/

**ESSID (Extended Service Set Identifier)**

( )

**End User**

WLAN

**Ethernet**

**Electronic News Gathering**

IEEE 802.3

**ETSI (European Telecommunications Standards Institute)**

( )

**Extremely High Frequency (EHF)**

**ENG (Electronic News Gathering)**

( )

.Electronic News Gathering

**ESN (Electronic Serial Number)**

( )

**-F-**

**Far Field Distribution**

**FHSS (Frequency Hopping Spread Spectrum)**

( )

**FCC (Federal Communication Commission)**

( )

**Fiber**

( )

**FDMA (Frequency Division Multiple Access)**

( )

**Fiber multiplex**

/

**FDU :( Fixed Docking Unit)**

( )

**Fiber Optic Transceiver**

**FEC :( Forward Error Correction)**

( )

**Field**

:( )

:( )

( )

. Excel

**Feed Horn**

**File Name Extension**

**Firewall**

**Frame**

**Fixed Broadband Wireless Access (FBWA)**

IEEE 802-16

**Fixed Line**

**Fixed Service**

**Fixed Station**

**Fixed Wireless**

**Fixed-Satellite Service**

**FM (Frequency Modulation)**

( )

**Footprint**

/

**frequency allocation**

**Frequency Spectrum**

**Frequency Spectrum Management**

**Front End**

( )

**FRONT TO BACK RATIO**

**FSS : (Fixed Satellite Service)**

.Fixed Satellite Service

**FTP (file transfer protocol)**

**Full Frame**

**G**

**GAIN**

**GEO : (Geostationary Earth Orbit)**  
( )

**Gallery [UK] or Control Room [USA]**  
( ) -

**Geosynchronous Satellite**

:( )

**Gamma Factor**

**GIF: (Graphic Interchange Format)**  
( )

( )

**Gateway**

**Giga Byte**

) .

**GIS: (Geographic Information System)**  
( )

- .(

**Gaussian Low-Pass Filter**

**gov (Government Agencies)**

**General Packet Radio Services (GPRS)**

**GPL (GNU Public License)**  
(GNU )

**GPRS (General Packet Radio Service)**  
( )

**Ground Noise**

3G 2G  
.kbps kbps

**Group Call**

**GPS (Global Positioning System)**  
( )

**G.SHDSL ( )**

G.991.2

.SHDSL

**GW (GigaWatt) ( )**

**GW (Gateway) ( )**  
. Gateway

**Ground**

# H

**Half Duplex**

**HEO (Highly Elliptical Orbit)**  
( )

**Hand-off**

**High Frequency (HF)**

**Host**

**Hard Disk**

**Host Computer**

**Hardware**

**Hostname**

.software

**HOTSPOT**

**Harmful Interference**

.X.802.11

**HARNES**

**HTML (Hyper Text Markup Language)**

( )

**HTTP**

**HDTV (High definition TV)**

( )

**HUB** ( )

.PAL – SECAM - NTSC

**IBSS (Independent Basic Service Set)**  
( )

IEEE 802.11  
(ad hoc network)

**IC (Integrated Circuit)**  
( )

.Integrated Circuit

**IEEE (Institute of Electrical and  
Electronics Engineers)**  
( )

**IETF (Internet Engineering Task  
Force)**  
( )

**Image**

**IMEI (International Mobile  
Equipment Identity)**  
( )

**IMSI ( International Mobile Subscriber  
Identity)**  
( )

**In-Band Signaling**

**Indoor Cable**

**Industrial, Scientific and Medical  
(ISM) Applications bands**

**Information**

:( ) -

**Information Management**



**Information Literacy**

**Input/Output Port**

:( ) - .

**Information Science**

**Instant Message (IM)**

)

**Information Source**

(  
**int. (International Organization)**  
( )

**Information System**

**Integrated Circuit**

**Information Technology**

**Integrity**

**Infrared Radiation**

**Intelsat : (International  
Telecommunications Satellite)**  
( )

1 800

**Inline Image**

**Intensity**

HTML

**Input And Output Device**

**Inter Com**

**Interception**

**Internal Memory**

**Interconnection**

**International Telecommunication Union (ITU)**

**Interface**

**Internet (Internet Network)**

**Interference**

**Internet Explorer**

**Internet Protocol (IP)**

**Internet Service Provider (ISP)**

**Interlaced Scan**

( )

**Intrusion**

( ) ( )  
( ) ( )

**Ionosphere**

**IP (Internet Protocol)**

( )

.Internet Protocol

**IP Number**

**IP Phone**

**ISO (International Standards Organization)**

( )

**IR Wireless (Wireless Infrared)**

( )

)

(

**ITU Constitution**

**ISDN (Integrated Services Digital Network)**

( )

B

D

**-J-**

**jammer Java**

C++

**-K-**

**Keyboard**

**Ku Band**

**Ku**

# -L-

**LA (Location Area)**

)

(coverage area

**Laptop**

p-n

**Laser Diode**

( )

pn

**Latency**

-

**Latitude**

**Light**

**Light Emitting Diode**

-

**Lighting**

-

-

**Lightning rod**

**Linear Polarized Light**

)

**Layer**

(

**LNA (Low Noise Amplifier)**

(

)

**Leased Line (L.L)**

**LNB (Low Noise Block downconverter)**

(

)

**LEO (Low Earth Orbit)**

(

)

(

)

(

)

( )

**LNB : (Low Noise Block)**  
( )

Low Noise Block

.downconverter

**LNC : (Low Noise Converter)**  
( )

Low Noise Block

.downconverter

**Local Area Network (LAN)**  
( )

**locating**

**LOS (Line Of Sight)** ( )

**Low Frequency (LF)**

**LPFM (Low Power FM Radio)**  
FM ( )

FM

FM

**Longitude**

# M

**MAC : ( Multiplexed Analogue Components )**  
( )

**Mesh Network** ( )

**mil. (Military Agencies)**

HDTV

**Maritime Radio Navigation Service**

**Mobile Service**

**Matched antenna**

**Mobile Station**

**MCR (Master Control Room)**  
( )

**Modem**

**Medium Frequency (MF)**

**Mon (Monitor) ( / )**  
Monitor

**Memory**

**Monitor**

**MEO : (Medium Earth Orbit)**  
( )

.....  
**Monomode Optical Waveguide**

( )

**Mother Board**

**MPEG : (Moving Picture Experts Groups)**

( )

**MSK (Minimum Shift Keying)**

( )

**Multimode Fiber**

( )  
( )

**Multiplexer**

-

( )

( )

( )

**MUX (Multiplexer)**

( )

.Multiplexer

. GPS

<b>N – Connector</b>	<b>N</b>	<b>-N-</b>	<b>Network File System (NFS)</b>
<b>NA (Numerical Aperture)</b>	<b>(      )</b>	<b>C-band</b>	<b>Network Layer</b>
<b>net. (Network Support Center)</b>		<b>.OSI</b>	<b>Next Generation Network (NGN)</b>
<b>Network Access Point (NAP)</b>			
<b>Network Access Server</b>			<b>Node</b>
			<b>Noise</b>



**-O-**

**ODF :( Optical Distribution Frame)**  
( )

**Optical Time Domain Reflectometer (OTDR)**

**Offline**  
)

**Optical Transmission System**

**Omnidirectional antenna**

**Orbit**

**Online**  
)

**OS (Operating System)**  
( )

.Operating System

**OSI Reference Model (OSI)**

**OSI**

**Operating System (OS)**

**Optical Communication**

**Outdoor Cable**

**Optical Fiber**

# P

**PA (Power Amplifier)**

( )

**Physical Layer**

)

:(

OSI

**Parsing**

( )

**PING**

**Passive**

-

**Plugin**

**Password**

/

html

**Path**

:( ) -

**Polarization**

**PDH (Plesiochronous Digital Hierarchy)**

( )

**Portable wireless**

**PORTSCAN**

**Phase Direction Finding**

( )

<b>presentation Layer</b>	-	<b>Protocol</b>
OSI		
(... text, flash, wave, pdf)		<b>Proxy</b>
<b>Printer</b>		<b>Proxy Server</b>
		.Proxy
<b>Processing</b>		<b>PSK (Phase-Shift Keying)</b>
		( )
<b>Processor</b>		<b>PSTN (Public Switched Telephone Network)</b>
		( )
<b>Production Studio</b>	:	<b>Public Data Network</b>
<b>Promo</b>		
<b>QPSK (Quadrature Phase Shift Keying)</b>		<b>Quantum Efficiency</b>
( )		( )

-Q-

# **-R-**

**R.F. oscillator Radiation Pattern**

**Radio Navigation**

**Radio**

**Radio Regulations**

**Radio Astronomy**

**Radio Waves or Hertzian Wave**

**Radio Astronomy Service**

**Radiolocation**

**Radio Communication**

**Radiotelemetry**

**Radio Communication Service**

**RADIUS: Remote Authentication Dial-In User Service**

**Radio Communication**

**( " - " )**

**Radio Determination**

**" - "**

**Radius**

**Radio Direction-Finding**

**Reflecting Satellite**

**Report**

**Router**

/

**RF (Radio Frequency)**

( )

**Routing Protocol**

( )

**RGB (Red - Green - Blue)**

( )

**RPTR (Repeater)**

( )

)

**RX**

( - )

(

**Ring Network**

)

(

**-S-**

**S/H circuit (sample and hold) Safety Service**

**SCK (Static Cipher Key)**  
( )

**Satellite**

**SCPE (Single Channel Per Carrier)**  
( )

**Satellite Orbit**

**Scrambling**

**Satellite Receiver**

( )

**Scan**

**SDH: (Synchronous Digital Hierarchy)**  
( )

**Scanner**

**Server**

**Service**

**Session**

**Session Layer**

**Single Mode Optical Fiber**

OSI

( )

**Single Station Location (SSL)**

( )

**Set up**

-

( )

**Setting**

-

**SKY Wave**

**Short Message Service (SMS)**

( )

**SNG\ Signal (Satellite) News Gathering**

:

**Shots List**

**SIGTRAN (Signaling Transport)**

( )

**SOAP ( Simple Object Access Protocol)**

( )

.ISDN

**SIMPLEX**

**Soft Phone**

**SINAD (Signal to Noise And Distortion)**

( )

( )

( )

**Software**

**SPLITTER**

**Solar Cell**

**SPOOFING**

**SONET ( Synchronous Optical Network)**

( )

IP

**SS7 (Signaling System 7)**

( )

**Sound Bite**

:( )

**SSH (Secure Shell)**

( )

**Space Station**

**Spacecraft**

**SSID**

( )

**Spectrum**

( )

**Spectrum Monitoring**

**SSL (Secured Sockets Layer)**

( )

( )

**Standardization**



**Star Network**

**Super High Frequency (SHF)**

**Station**

**Switch**

**STM1** ( )

**STM16**  
( )

**STM4** ( )  
2.5

**STM64**  
( )

**Sync (Synchronous)** ( )

**Synchronization**

**Storage Medium**

**Synchronous Transmission**

**Subscriber Identity Module Card (SIM)**

**System Administrator**

**Sun Outage**

# -T-

**T – Network Tablet**

**Telegram**

**Tap**

**Telegraphy**

**TCP (Transmission Transfer Protocol)**

**Terminal**

TCP/IP

**Terrestrial Radio Communication**

**TDMA (Time Division Multiple Access)**

**Terrestrial Station**

**Time Division Multiplex (TDM)**

**Tearing**

**TMSI : (Temporary Mobile Subscriber Identity)**

**Telecommunications**

**Traffic**

**Trunking**

**Transponder**

**TV System**

**Transport Layer**

**TCP**

**OSI**

**Transverse Offset Method**

**Twisted Pair**

**Triangulating**

**TX (Transmitter)**

( - )

**TROJAN HORSE**

**-U-**

**UDP (User Datagram Protocol)**  
( )

**Uplink**

. RFC 768          TCP/IP  
TCP

**Ultra High Frequency (UHF)** .TCP/IP

**Upload**

**URL (Uniform Resource Locator)**

.Uniform Resource Locator

**Uniform Resource Locator (URL)**

**User Name**

**Update**

**- V -**

**Very High Frequency (VHF)**

**Voice Over IP (VOIP)**

**Very Low Frequency (VLF)**

**VOIP (Voice Over IP)**

( )

**Viewer**

.Voice Over IP

**VOX POP (Voice of People)**

[ ]

**Virtual Private Network (VPN)**

:( )

.TCP-IP

**VPN (Virtual Private Network)**

( )

**virus signature**

.Virtual Private Network

**VSAT (Very Small Aperture Terminal)**

( )

**Vocoder**

**VSWR (Voltage Standing Wave Ratio)**

( )

**Voice Messaging**

**VT video tape – Package**

:( )

**-W-**

**W3C: World Wide Web Consortium**

**Webcasting**

.( )

**Wireless Application Protocol WAP**

**WAN (Wide Area Network)**

( )

( )

**WAP (Wireless Application Protocol)**

( )

**Wireless Local Loop (WLL)**

( )

**Wavenumber**

**World Radio Communication  
Conference(WRC)**

**WCDMA (Wide Band Code Division  
Multiple Access)**

( )

**Web Server**

**WPA (Wi-Fi Protected Access)**

http

**Web site**

**3G (Third generation cellular radio)**  
( )