

AAL(ATM Adaptation Layer): 异步转移模式适配层
AC (Alternating Current): 交流
Access Network: 接入网
ACI (Adjacent Channel Interference): 邻频干扰
Additional Channel: 增补频道
Adjacent Channel Transmission: 邻频道传输
ADSL (Asymmetrical Digital Subscriber Line): 不对称数字用户线路
AGC (Automatic Gain Control): 自动增益控制
AIC (Auxilliary Information Channel): 辅助信息信道
ALC(Aotomatic Level Control): 自动电平控制
AM (Amplitude Modulation): 幅度调制 (调幅)
AML (Amplitude Modulated Microwave Link): 调幅微波链路
Amplifier: 放大器
Application Layer: 应用层
ARP (Address Resolution Protocol): 地址识别协议
ASC(Aotomatic Slope Control): 自动斜率控制
ATM (Asynchronous Transfer Mode): 异步传输模式 (协议)
BAL (Bit ALlocation): 比特分配
Bandwidth: 带宽
BB (Basis Band): 基带
BBER (Background Block Error Rate): 背景块误码率
BC (Broadcast Channel): 广播信道
BCN (Broadcast Communication Network): 广播通信网
BDC(Block Down Converter): 下变频器
BER(Bit Error Rate): 误码率
B-ISDN (Broadband-Integrated Services Digital Network): 宽带综合业务数字网络
Bit Stream: 比特流 (码流)
BPF (Band Pass Filter): 带通滤波器
BPS(Bits Per Second): 比特 / 秒, 也写作 b/s
BRI (Basic Rate Interface): 基本速率接口
Broad Band Communication: 宽带通信
BRR: (Bit Rate Reduction): 比特率压缩
C/CSO (Carrier to Composite Second Order beat ratio): 载波复合二次差拍比
C/CTB(Carrier to Composite Triple Beat ratio): 载波复合三次差拍比
C/I (Carrier to Inter-modulation ratio): 载波互调比
C/N (Carrier to Noise ratio): 载噪比
CA (Conditional Access): 有条件存取 (有条件接收)
Cable Router: 线缆路由器
CAC (Conditional Access Control): 条件接收控制
CAID (Conditional Access Identifier): 有条件存取 (接收) 标志
CATV (Cable TeleVision): 有线电视
CATV (Community Antenna TeleVision): 共用天线电视

CCIR (International Radio Consultative Committee): 国际无线电咨询委员会
CCITT (Consultative Committee of International Telephone and Telegraph): 国际电报电话咨询委员会
CCU (Communication Control Unit): 通信监测单元
CDMA (Code Division Multiple Access): 码分多址
Channel: 频道
Channel: 信道
Chirp: 附加调频
CIF (Common Interleaved Frame): 公共交织帧
CII (China Information Infrastructure): 中国信息基础设施 (计划)
Circuit Switching: 电路交换
CLI (CATV Leakage and Ingress): 有线电视泄漏与窜入
CM (Cable Modem): 电缆调制解调器又名线缆调制解调器
CM(Cross Modulation): 交扰调制
CMCI (Cable Modem to CPE Interface): 电缆调制解调器至用户屋内设备接口
CMTRI (Cable Modem Telephone Return Interface): 电缆调制解调器中回传电话接口
CMTS (Cable Modem Termination System): 电缆调制解调器 (Cable Modem) 端接系统
Coaxial Cable: 同轴电缆
COFDM (Coded Orthogonal Frequency Division Multiplexing): 编码正交频分复用
Communication: 通信
Community Reception: 集体接收
CPE (Customer Premises Equipment): 用户屋内设备
CS(Communication Satellite): 通信卫星
CSMA/CD (Carrier Sense Multiple Access/Collision Detection): 公共载波复用通路/冲突检测 (用于以太网), 也叫带碰撞检测的载波侦听多址、载波侦听多重接入/碰撞检测
CSO(Composite Second Order Beat): 复合二次差拍
CTB(Composite Triple Beat): 复合三次差拍
CW (Control Word): 控制字

英汉对照有线电视网络常用缩语 (二)

Data: 数据
DAVIC(Digital Audio Video Council): 数字音视频理事会
DB (Data Broadcasting): 数据广播
dB (deciBel): 分贝
DBS (Direct Broadcast Satellite): 直播卫星
DC (Direct Current): 直流
DCF (Dispersion Compensation Fiber): 色散补偿光纤, 也叫色散位移光纤
DC-SMF(Dispersion Compensation Single Mode Fiber): 色散补偿单模光纤
DCT (Discrete Cosine Transform): 离散余弦变换
DFB (Distributed FeedBack): 分布反馈 (激光器)
DFB-LD (Distributed FeedBack-LD): 分布反馈型-激光二极管
DFT (Discrete Fourier Transformation): 离散傅里叶变换

DHCP (Dynamic Host Configuration Protocol): 动态主机配置协议

DIB (Digital Integrated Broadcasting): 数字综合广播

Digital: 数字的

Distribution Point: 分配点

DLL(Data Link Layer): 数据链路层

DLS (Dynamic Label Segment): 动态标记段

DMB (Digital Multimedia Broadcasting) 数字多媒体广播

DOCSIS (Data Over Cable Service Interface Specification): 有线电视网络上的数据接口规格

Downstream: 下行

DQDB(Distributed Queue Double Bus): 分布队列双总线

DRC (Dynamic Range Control): 动态范围控制

DSCTy (Data Service Component Type): 数据业务成分类型

DSF(Dispersion Shift Fiber): 色散位移光纤

DSL (Digital Subscriber Line): 数字用户线路

DSM (Digital Storage Media): 数字的存储或传输器件

DSP (Digital Signal Processor): 数字信号处理器

DTV (Digital TV): 数字电视

DVB (Digital Video Broadcasting): 数字视频广播

DVB-C (Digital Video Broadcasting—Cable): 用于电缆的数字视频广播

DWDM (Denseness Wavelength Division Multiplexing): 密集波分复用

DXC (Digital Cross Connection): 数字交叉连接 (设备)

EBU (European Broadcasting Union): 欧洲广播联盟

Echo Rating: 回波值

ECM (Entitlement Checking Message): 授权校验信息

EDFA (Erbium-Doped Fiber Amplifier): 掺铒光纤放大器

EDTV (Enhanced definition Television): 增强清晰度电视

EIA (Electronic Industries Association): 电子工业协会

EIRP (Equivalent Isotropic Radiated Power): 等效全向辐射功率

Eld (Ensemble Identifier): 信号群 (组) 标志

EMM (Entitlement Management Message) 授权管理信息

EPG (Electronic Program Guides): 电子节目指南

Equalization: 均衡

ERP (Equivalent Radiated Power): 等效辐射功率

ESR (Error block Second Ratio): 误块秒率

Ethernet: 以太 (网)

ETI (Ensemble Transport Interface): 信号群 (组) 传输接口

ETI(NA) {Ensemble Transport Interface (Network-Adapted)}: 网络适应的信号群 (组) 传输接口

ETI(NI) {Ensemble Transport Interface (Network-Independent ETI)}: 网络独立的信号群 (组) 传输接口

ETN (Ensemble-Transport-Network): 信号群 (组) 传输网络

ETS (European Telecommunications Standard): 欧洲通信标准

ETSI (European Telecommunications Standards Institute): 欧洲通信标准学会

FCC (Federal Communications Commission): 联邦通信委员会

FDDI (Fiber Distributing Data Interface): 光纤分布式数据接口
FDM (Frequency Division Multiplexing): 频分复用
FDMA (Frequency Division Multiple Access): 频分多址
FEC (Forward Error Correction): 前向纠错
Feed: 馈送
Feedback Error Correction: 反馈纠错
FF (Feed Forward): 前馈 (放大器)
FFT (Fast Fourier Transformation): 快速傅里叶变换
FI (Frequency Information): 频率信息
FIB (Fast Information Block): 快速信息块
FIC (Fast Information Channel): 快速信息信道
FIDC (Fast Information Data Channel): 快速信息数据通道
FIDCID (Fast Information Data Channel Identifier): 快速信息数据通道标志
FIG (Fast Information Group): 快速信息组
FM(Frequency Modulation):频率调制 (调频)
FML (Frequency modulated Microwave Link): 调频微波链路
FP-LD (Fabry-Perot Laser Diode): 法布里-珀罗激光二极管
Frequency: 频率
FTTB (Fiber To The Building): 光纤到大楼
FTTC (Fiber To The Curb): 光纤到路边
FTTH (Fiber To The Home): 光纤到户
FTTSA (Fiber To The Service Area): 光纤到服务区

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GFC (General Flow Control): 一般流量控制
GI (Grated Index): 渐变折射率 (光纤)
GOD (Game On Demand): 游艺点播
HDSL (High bit-rate Digital Subscriber Line): 高速数字用户线
HDT (Host Digital Terminal): 主机数字终端
HDTV(High Definition Television): 高清晰度电视
HE (Head End): 前端
HFC (Hybrid Fiber-Coaxial): 光纤同轴混合有线电视网络
HomePNA(Home Phoneline Network Alliance): 用户线接入多路复用器
Hub Head End: 中心前端 (分前端)
IC (Interactive Channel): 交互信道
ICMP (Internet Control Message Protocol): 因特网控制信息协议
IEEE (Institute of Electrical and Electronics Engineers): 电气电子工程师学会
IM (Inter-Modulation): 互调
Information Highway: 信息高速公路
Integrated Coding and Multiplexing: 综合编码与复用
Interference: 干扰
Internet: 国际互联网

IOD (Information On Demand): 信息点播

IP (Internet Protocol): 网际协议

IPPV (Impulse Pay-Per-View): 脉冲式按次付费

IRD(Integrated Receiver Decoder): 综合解码接收机

ISDB (Integrated Services Digital Broadcasting): 综合业务数字广播

ISDN (Integrated Services Digital Network): 综合业务数字网

ISI (Inter-symbol Interference): 符号间干扰

ISO (International Standards Organization): 国际标准化组织

ISRC (International Standard Recording Code): 国际标准记录码

IT (Information Technology): 信息技术

ITU (International Telecommunications Union): 国际电信联盟, 简称国际电联

ITU-R (International Telecommunications Union-Radio communications Sector): 国际电联无线电部门

Knob: 旋钮

Lacal Head End: 本地前端

Lacal Network: 本地网

LAN (Lacal Area Network): 局域网

LD (Laser Diode): 激光二极管

Level: 电平

Light Modulation Deapth: 光调制度。

Limiting Amplifier: 限幅放大器

Link: 线路

LLC(Logical Link Control layer): 逻辑链接控制层

LMDS (Local Multipoint Distribution System): 本地多点分配系统

LNA (Low Noise Amplifier): 低噪声放大器

Loss: 损耗

MAC (Media Access Control layer): 媒体通路控制层

Mainld (Main Identifier of a Transmitter): 发射机主识别

MAN (Metropolitan Area Network): 城域网

Manul: 手动

MCI (Multiplex Configuration Information): 复合结构信息

MCNS(Multimedia Cable Network System): 多媒体电缆网络系统

MCPC (Multi-Channel Per Carrier): 多路单载波

Message Switching: 报文交换

MGC (Manually Gain Control): 手动增益控制

MI (Mutual Isolation): 相互隔离

MMDS (Multichannel Multipoint Distribution Service): 多信道多点分配服务 (美国 FCC 的英文定义) 或 (Microwave Multichannel Distribution System): 微波多路分配系统

MMF (Multi-Mode Fiber): 多模光纤

MMX(MultiMedia eXtension): 多媒体扩展 (CPU)

MOT (Multimedia Object Transfer): 多媒体目标传递

MPC (Multimedia Personal Computer): 多媒体个人计算机

MPEG (Moving Picture Expert Group): 运动图像专家组

MSC (Main Service Channel): 主业务信道

MSC (Manually Slope Control): 手动斜率控制
MSPS (Mega Symbols Per Second): 兆符号/秒
MTBF (Mean Time Between Failures): 平均故障间隔时间
MUSE (MUltiple Sub-Nyquist sampling Encoding): 多重亚奈取样编码
NCTA (National Cable Television Association): 美国有线电视协会
Nd:YAG (Neodymium Yttrium Aluminium Garnet): 掺钕钇铝石榴石 (激光器)
Network Layer: 网络层
NII (National Information Infrastructure): 国家信息基础设施 (计划)
N-ISDN (Narrowband-Integrated Services Digital Network): 窄带综合业务数字网络
NVOD (Near Video On Demand): 准视频点播
OADM (Optical Add and Drop Multiplexing): 光分插复用
OAM (Operation Administration and Maintenance): 运营管理与维护
OFDM (Optical Frequency Division Multiplexing): 光频分复用
OFDM (Orthogonal Frequency Division Multiplexing): 正交频分复用
Off: 断开
On: 接通
ONU (Optical Network Unit): 光网络装置
Oscillator: 振荡器
OSI (Open System Interconnection): 开放系统互连
Output Impedance: 输出阻抗
Output Light Power: 输出光功率
OWA (One Way Addressable): 单向寻址
OXC (Optical Cross Connection): 光交叉连接

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Packet Switching: 分组交换
PAD (Programme Associated Data): 节目伴随数据
Pay-TV: 付费电视
PCN (Personal Communication Network): 个人通信网
PCS (Personal Communication Service): 个人通信业务
PD (Power-Double): 功率倍增 (放大器)
PDFA (Praseodymium-Doped Fiber Amplifier): 掺镨氟化物光纤放大器
PDH (Pseudo-Synchronous Digital Hierarchy): 准同步数字序列
Phase: 相位
Physical Layer: 物理层
PI (Programme Identification): 节目识别
Picture: 图像
Pilot Frequency: 导频
PIN (Positive-Intrinsic-Negative): 正一本征一负 (二极管)
Power: 电源, 功率
PP (Push-Pull): 推挽
PPC (Pay-Per-Channel): 按频道付费

PPV (Pay-Per-View): 按次付费

PRBS (Pseudo-Random Binary Sequence): 伪随机二进制序列

Presentation Layer: 表示层

PRI (Primary Rate Interface): 初始速率接口

Programmable Channel 可编程序频道

PSTN (Public Switching Telecommunication Network): 公共交换电信网

QOS (Quality Of Service): 服务质量

RDI (Receiver Data Interface): 接收机数据接口

RDS (Radio Data System): 无线数据系统

Receiver: 接收机

Remote Head End:远地前端

RF(Radio Frequency): 射频

RIN (Relative Intensity Noise): 相对强度噪声

Router: 路由器

S/N(Signal to Noise ratio): 信噪比

SA (Service Area): 服务区

SBS (Stimulated Brillouin Scattering): 受激布里渊散射

S-CDMA (Synchronous Code Division Multiple Access): 同步码分复用

SCPC (Single Channel Per Carrier): 单路单载波

SCTE (Society of Cable Telecommunication Engineers): (美国)有线电视通信工程师协会

SDH (Synchronous Digital Hierarchy): 同步数字序列

SDM (Space Division Multiplexing): 空分复用

SDMA (Space Division Multiple Access): 空分多址

Self-Healing: 自愈

SESR (Severely Error Second Ratio): 严重误码秒率

Session Layer: 会话层

SFN (Single Frequency Network): 单频网 (同步网)

SID(Service Identifier): 服务识别码

Signal: 信号

SMF(Single Mode Fiber): 单模光纤

SMR (Signal to Mask Ratio): 信号掩蔽比

SMS (State Monitoring System): 状态监测系统

SMT(State Monitoring Transponder): 状态监测转发器

SNAP (Sub-Network Access Protocol): 子网访问协议

SNMP (Simple Network Management Protocol): 简单网络管理协议

SNR (Signal to Noise Ratio): 信号噪声比

SONET (Synchronous Optical Network): 同步光纤网

SR (Symbol Rate): 符码率

STB (Set-Top Box): 机顶盒

STI (Service Transport Interface): 业务传输接口

STM(Synchronous Transport Module): 同步传递模块

STN (Service Transport Network): 业务传输网络

STP (Shielded Twisted Pair): 屏蔽双绞线

SubCh (Sub-Channel of the main service channel): 主业务信道的子信道

SubChId (Sub-Channel Identifier): 子信道标志
SubId (Sub-Identifier of a Transmitter): 发射机子识别
Switch: 开关, 转换
System Outlet: 系统输出口
TCP (Transmission Control Protocol): 传输控制协议
TDM(Time Division Multiplexing): 频分复用
TDMA(Time Division Multiple Access): 频分多址
TE (Terminal Equipment): 终端设备
Terminal: 终端
Threshold value: 阈值
Threshold: 门限
TM (Terminal Multiplexer): 终端复用器
TM (Traffic Management): 流量管理
TMC (Traffic Message Channel): 交通信息信道
Transmitter: 发射机
Transport Layer: 传输层
Trunk Feeder System: 干线系统
Tune: 调谐
Tuner: 调谐器
TWA (Two-Way Addressable): 双向寻址
Two-Way CATV: 双向有线电视
UC (Up Converter): 上变频器
UHF (UltraHigh Frequency): 特高频
ULF (UltraLow Frequency): 特低频
UNI (User Network Interface): 用户网接口
Upstream: 上行
UTP (Unshielded Twisted Pair): 非屏蔽双绞线
V/A(the Vision to Audio carrier power ratio): 图像—伴音载波功率比
VC (Virtual Capsule): 虚容器
VCCO (Voltage Controlled Crystal Oscillator): 压控晶体振荡器
VCO (Voltage Controlled Oscillator): 压控振荡器
VDSL (Very high bit—rate Digital Subscriber Line): 超高速数字用户线
VDT (Video Dial-Tone): 拨号视频 (业务)
VHF (Very High Frequency): 甚高频
VOD (Video On Demand): 视频点播
VSB-AM (Vestigial SideBand-Amplitude Modulation): 残留边带调幅
VSWR (Voltage Standing Wave Ratio): 电压驻波比
WAN (Wide Area Network): 广域网
Wave: 电波
WDM (Wavelength Division Multiplexing): 波分复用
WS (Work Station): 工作站
WWW: (World Wide Web) 万维网