

## **List of Abbreviations**

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ADSL	Asynchronous DSL
AIC	Akaike Information Criterion
ANSI	American National Standard Institute
AWG	American Wire Gauge
AWGN	Additive White Gaussian Noise
BT	Bridged Tap
CO	Central Office
CSA	Carrier Serving Area
CSSE	Cumulative Sum of Squared Errors
DFT	Discrete Fourier Transform
DSL	Digital Subscriber Line
DSLAM	DSL Access Multiplexer
ENDR	Estimated Number of Dominant Reflections
ETSI	European Technical Standard Institute
FFT	Fast Discrete Fourier Transform
GC	Gauge Change
IDFT	Inverse Discrete Fourier Transform
IFFT	Fast Inverse Discrete Fourier Transform
ISDN	Integrated Services Digital Network
MDL	Minimum Description Length Criterion
MODE	Method of Direction Estimation
NSP	Network Service Provider
LAN	Local Area Network
LTI	Linear Time Invariant
LUI	Loop Under Identification
OC	Optical Carrier
POTS	Plain Old Telephone Service
PSTN	Public Switched Telephone Network
RSSE	Relative Sum of Squared Errors
RUI	Reflection Under Investigation
SNR	Signal To Noise Ratio
SOHO	Small Office/Home Office
SSE	Sum of Squared Errors
TDR	Time Domain Reflectometry
TOA	Time of Arrival
TP	Twisted Pair
VDSL	Very High Speed DSL
WCSSE	Weighted Cumulative Sum of Squared Errors
WRELAX	Weighted Fourier Transform Relaxation-Based Algorithm
WSSE	Weighted Sum of Squared Errors
WWW	World Wide Web