

Transmission Requirements



- One-way
- Broadband
- Asymmetric



- Two-way
- Medium band
- Symmetric



- Two-way
- Medium band
- Asymmetric

Technical Requirements

Features	Voice	Data	Television
Bandwidth:			
• Analog	4KHz		4.5Mhz
• Digital	64Kbps	28.8Kbps	90Mbs
• Compressed	2Kbps		3Mbps
Directionality	two-way	two-way	one-way
Symmetry	symmetric	asymmetric	asymmetric
Holding Time	short (mins)	long (hrs)	long (hrs)
Connectivity	continuous	bursts	continuous
Call Length	short (mins)	short (secs)	long (hrs)
Simultaneity	few	few	many
Interactivity	high	high	none
Purpose	communication	communication	entertainment