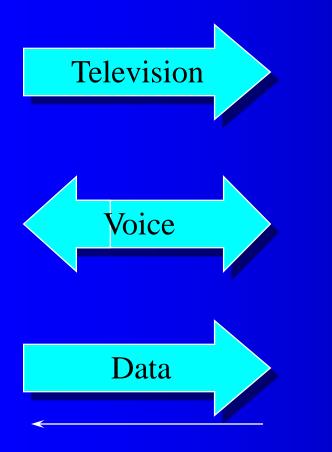
Transmission Requirements



- 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	