

Typical Use Cases	CAT5e	CAT5e Shielded	CAT6	CAT6 Shielded	CAT6A	CAT6A Shielded	CAT7A
Phone Lines	●	●●					
Home Network	●	●●	●●●	●●●	●●●●	●●●●●	
Office Network		●	●●	●●●	●●●●	●●●●●	
Data Center			●	●●	●●●	●●●●	●●●●●
Outdoor	●		●				
High-EMI Interference Environments	X	●	X	●	X	●	●

Maximum Bandwidth	1000Mbps	1000Mbps	1000Mbps	1000Mbps	10,000Mbps	10,000Mbps	10,000Mbps
Maximum Frequency	350Mhz	350Mhz	550Mhz	550Mhz	550Mhz	600MHz	1000MHz
Frequency Minimum	0-100MHz	0-250MHz	0-250MHz	0-250MHz	0-500MHz	0-500MHz	0-600MHz
Maximum Distance	100m (328ft)	100m (328ft)	100m (328ft) / 10Gb at 180ft	100m (328ft) / 10Gb at 180ft	100m (328ft)	100m (328ft)	100m (328ft)
Jacket Ratings Available	CMR, CMP, CMG, CMX	CMG	CMR, CMP, CMG, CMX	CMP, CMG	CMP, CMG	CMR, CMP	CMR
Colors Available	Black, Blue, Green, Grey, Orange, White, Yellow, Purple	White, Blue, Black	Black, Blue, Green, Grey, Orange, White, Yellow, Purple, Brown, Pink, Red	White, Blue, Black	Blue, White, Black, Grey	Blue, White	Blue