

Difference Between 3G And 4G

FEATURES	3G	4G
Data Throughput	UP to 3.1Mbps With an average speed range between 0.5 to 1.5 Mbps.	Practically speaking, 2 to 12 Mbps (Telstra in Australia claims up to 40 Mbps) but potential estimated at a range of 100 to 300 Mbps.
Peak Upload Rate	5 Mbps	500 Mbps
Switching Technique	Packet Switching	Packet Switching,Message Switching
Network Architecture	Wide Area Cell Based	Integration of wireless LAN and Wide area.
Services And Applications	CDMA 2000, UMTS, EDGE etc	Wimax2 and LTE-Advance
Forward error correction (FEC)	3G uses Turbo codes for error correction.	Concatenated codes are used for error corrections in 4G.
Peak Download Rate	100 Mbps	1 Gbps
Frequency Band	1.8 – 2.5 GHz	2 – 8 GHz