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Point to Multipoint Wireless (PMP) is a method of connecting multiple locations with ethernet where wires cannot be deployed typically due to the substantial cost of ADSL/fibre or where terrain does not allow for cable to be dug into the ground. PMP could be used to connect multiple buildings in a school or business park, provide backhaul for multiple CCTV cameras or access for houses or businesses in an ISP network.

Distances, Throughputs & Frequencies

Point to Multipoint technology has developed rapidly with true individual access point throughputs available up to 100Mbps. When numerous PMP access points are connected within a 360° ring, the combined throughputs can reach up to 500Mbps. Point to Multipoint usually operates either in the 5.4 or 5.8GHz frequency band and can achieve distances of up to 5km.

