



## Link Budget Calculator

### Settings

Product: EtherHaul-8010FX ▼

Channel Width: 2000 ▼ [MHz]

Center Frequency: 72.125 ▼ [GHz]

Antennas: A ETSI/FCC [2./65cm] 50d ▼  
B ETSI/FCC [2./65cm] 50d ▼

Antenna Polarization: Vertical ▼

Tx Power: 14 [dBm]

User Spare: 2 [dB]

Capacity Ratio: Full duplex ▼

Link Length: miles ▼  
5.25

Length Range:

Product Range:

### Location

Rain Zone: K ▼

Rain Intensity: [mm/hr]

City: [ ] ▼

Coordinates: Latitude Longitude  
A [ ] [ ]  
B [ ] [ ]  Same as A

Expected RSSI [dBm]

-41

Availability	99%	99.9%	99.95%	99.99%	99.995%	99.999%
Annual Uptime of Modulation Profile	361d 8h 24m	364d 15h 14m	364d 19h 37m	364d 23h 7m	364d 23h 34m	364d 23h 55m
Annual Downtime of Modulation Profile	3d 15h 36m	8h 46m	4h 23m	52m 33.6s	26m 16.8s	5m 15.36s
Rain Rates[mm/hr]	1.50	12.00	20.00	42.00	62.00	100.00
Rain Attenuation[dB]	8.21	36.48	52.62	89.58	118.44	166.87
Capacity [Mbps]	10000	330	0	0	0	0

Length(mi)	Throughput (Mbps)	Availability					
		99%	99.9%	99.95%	99.99%	99.995%	99.999%
5.25		10000	330	X	X	X	X

