

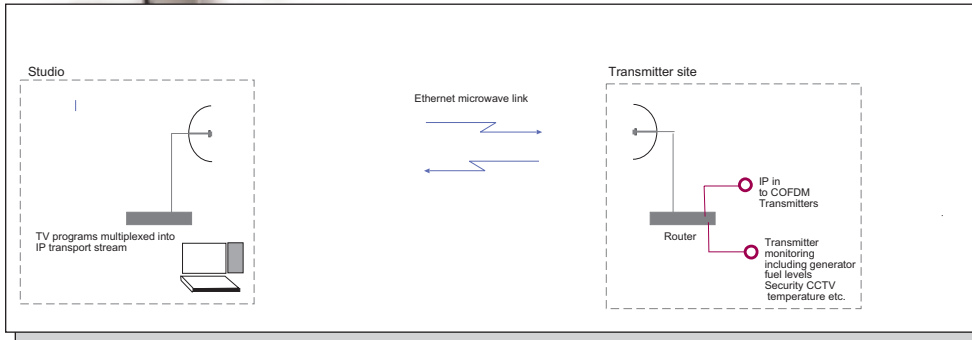
TAYLOR

Microwave STL links. Full Duplex Ethernet bridges, up to 600mbits



Microwave antennas will vary depending on the type of link

Check with our sales engineers for pricing and other frequency and link lengths, data rate options up to several gigabits.



High capacity private ethernet link from the studio to transmitter site enables multiple channels to be multiplexed in the studio and transmitted to the transmitter site via IP. Additional benefits with having an ethernet bridge such as monitoring, security cctv etc and control.

Complete point to point microwave ethernet encrypted duplex links

Model	Frequency	Max Ch Bandwidth	****Typical Data capacity	Modulation	* Typically used in licensed bands	* Typically used in unlicensed bands	Dish antenna size	Total transmission line losses (sum both ends)	***Max Link distance Miles (km)	Annual availability	**Fade margin	Compliance
LNK2.4-30	2.400-2.483GHZ	64MHz	200Mbps	QPSK 16QAM		YES	6' (30dbi)		30 (48.2)	99.999%*****	6dB	FCC/ETSI Lower ERP for ETSI compliance
LNK2.4-15	2.400-2.483GHZ	64MHz	200Mbps	QPSK 16QAM		YES	3' (24dbi)		15 (24.1)	99.999%*****	6dB	FCC/ETSI Lower ERP for ETSI compliance
LNK5.0-30	5.47-5.725	7,14,28,56MHz ETSI, 10.20.30MHz. FCC	200Mbps	QPSK 16,32,64,128QAM		YES	6' (36.5dbi)		30 (48.2)	99.654%	13.6dB	FCC/ETSI
LNK5.0-15	5.47-5.725	7,14,28,56MHz ETSI, 10.20.30MHz. FCC	200Mbps	QPSK 16,32,64,128QAM		YES	3' (31.2dbi)		15 (24.1)	99.953%	11.8dB	FCC/ETSI
LNK6.0-30	5.9-6.4	7,14,28,56MHz ETSI, 10.20.30MHz. FCC	600Mbps	QPSK 16,32,64,128QAM	YES		6' (37dbi)		30 (48.2)	99.654%	14.1dB	FCC/ETSI
LNK6.0-15	5.9-6.4	7,14,28,56MHz ETSI, 10.20.30MHz. FCC	600Mbps	QPSK 16,32,64,128QAM	YES		3' (33.4dbi)		15 (24.1)	99.953%	13.8dB	FCC/ETSI
LNK6+.0-30	6.4-7.1	7,14,28,56MHz ETSI, 10.20.30MHz. FCC	600Mbps	QPSK 16,32,64,128QAM	YES		6' (38dbi)		30 (48.2)	99.654%	15.1dB	FCC/ETSI
LNK6+.0-15	6.4-7.1	7,14,28,56MHz ETSI, 10.20.30MHz. FCC	600Mbps	QPSK 16,32,64,128QAM	YES		3' (33.5dbi)		15 (24.1)	99.953%	13.8dB	FCC/ETSI
LNK7.0-30	7.425-7.9	7,14,28,56MHz ETSI, 10.20.30MHz. FCC	600Mbps	QPSK 16,32,64,128QAM	YES		6' (40dbi)		30 (48.2)	99.994%	17.1dB	FCC/ETSI
LNK7.0-15	7.425-7.9	7,14,28,56MHz ETSI, 10.20.30MHz. FCC	600Mbps	QPSK 16,32,64,128QAM	YES		4' (36dbi)		15 (24.1)	99.960%	14dB	FCC/ETSI

* Consult licencing authorities in the country of use to check if licencing needed and if there is no restriction on outside use.

** To increase fade margin by 6dB shorten distance by 50% or increase antenna gain by 6db.

*** Unimpeded by obstructions, obstructions will reduce data rate

**** A robust link is needed. The data rate will decrease if the modulation automatically changes, for example from 64QAM to 16QAM to retain a good quality link. Link distances can be longer with a reduced margin for fade and annual availability

***** Subject to interference from other unlicensed sources, interference will reduce data rate

