

Hypercable

Integral-W is specifically designed for use with wide channel bandwidths up to 112MHz and supports up to 1024QAM modulation for network upgrades. Full outdoor unit includes radio, modem, PoE splitter with surge arrestor and integrated antenna in a single hardware design. Direct radio and antenna integration guarantees weather-proof factory sealing and fast installation. Carefully selected materials for best corrosion resistance and simplified installation with a 50% weight reduction compared to other microwave



HyperBridge integral-W

Faisceau Hertzien Micro-Ondes à haut niveau d'intégration.
integrated carrier-grade microwave radio, delivering up to 883 Mbps.

Capacity	883 Mbps at 112MHz 1024QAM 643 Mbps at 80MHz 1024QAM
Frequency bands	15GHz, 17GHz UL, 18GHz, 23GHz, 24GHz UL, 25GHz, 26GHz, 28GHz, 38GHz, and more*
Modulation	4QAM / 16QAM / 32QAM / 64QAM / 128QAM / 256QAM / 512QAM / 1024QAM / Hitless ACM
Configurations	1+0
Channel bandwidth	
ETSI	from 56MHz up to 112MHz
FCC	from 40MHz up to 80MHz
Gigabit Ethernet	
	1x RJ-45 - Management 1x RJ-45 or 1x SPF - Traffic
Service ports	
3.5mm	Audible alignment and RSSI
USB B-Type	Terminal Access
LED	Power On, Link Synchronization, RSL
Ethernet type	Unmanaged Gigabit Ethernet
Management	In-band*, Out-of-band; SNMP v1/2c/3, SSH, Telnet, HTTPS, Serial, RADIUS, Network Time Protocol
Carrier Ethernet functionality	Transparent
Performance monitoring	Performance graphs, constellation diagram, alarms, detailed counters
Antenna type	Integrated antenna 0.3m / 1ft, 0.6m / 2ft
Form factor	Size 0.3m w/o mount 378x378x227 mm; <5kg Size 0.6m w/o mount 669x669x289 mm; <5kg
Temperature range	-33 ... +55 °C