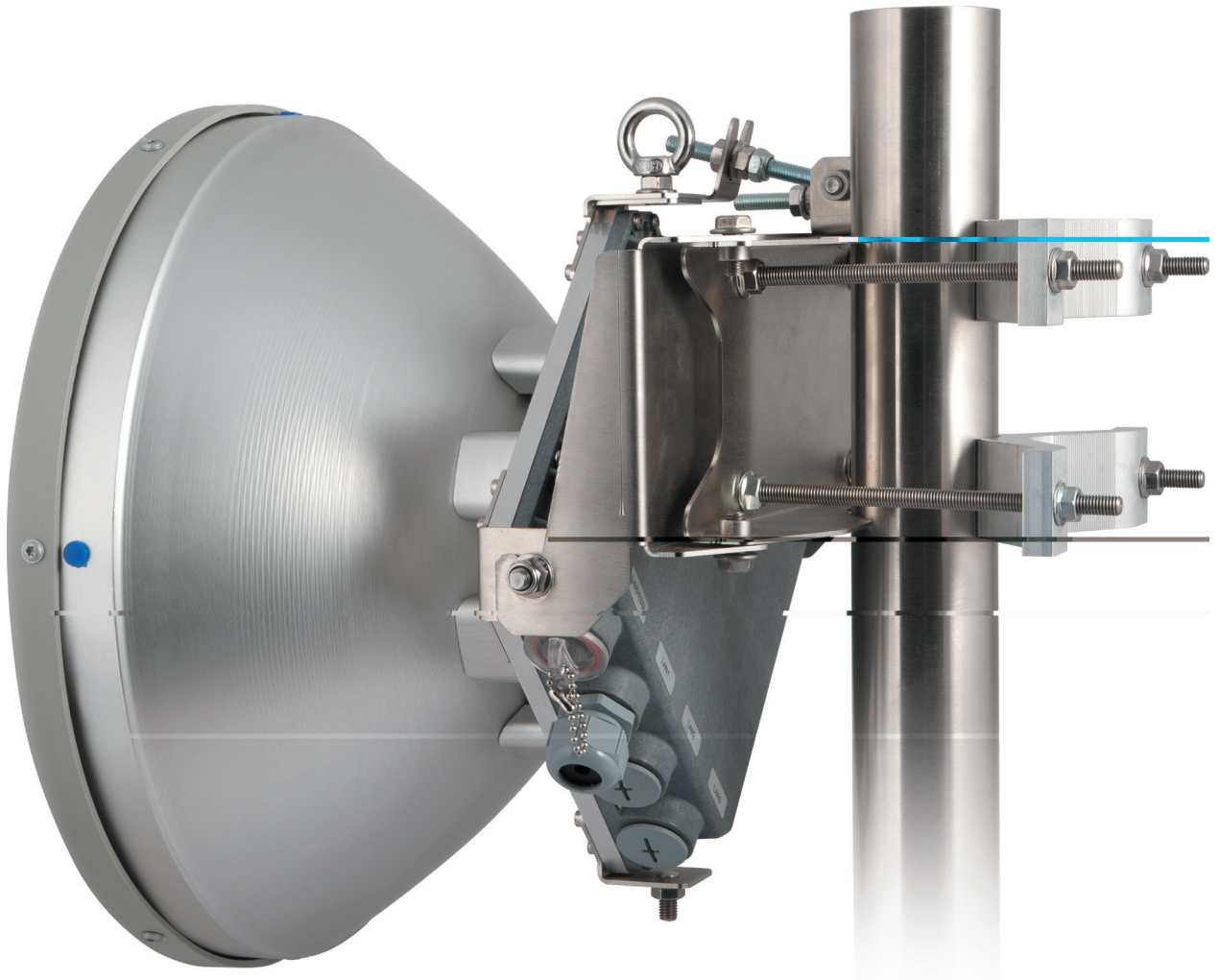




Integra-W

integrated carrier-grade microwave radio



- Integra-W supports channel bandwidth of up to 112 MHz and up to 1024QAM modulation support for network upgrades
- All-Outdoor radio 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 systems



Integra is an unbelievably light, energy efficient carrier-grade system that exemplifies an outstanding return on smart engineering - the synergy of high competence in radio electronics and materials science. Integration of next generation microwave radio with high and super high performance antennas into a single unit. It translates into a lower total cost of ownership, as well as less time spent on the installation site, and better reliability of the link even in densely served areas.

Capacity	840 Mbps at 112MHz 1024 QAM 610 Mbps at 80 MHz 1024 QAM
Frequency bands	15GHz, 17GHz UL, 18GHz, 23GHz, 24GHz UL, 25GHz, 26GHz, 38GHz, 42GHz and more*
Modulation	4QAM / 16QAM / 32QAM / 64QAM / 128QAM / 256QAM / 512QAM / 1024QAM / Hitless ACM
Channel bandwidth	
ETSI	from 3.5MHz up to 112MHz
FCC	from 5MHz up to 80MHz
Gigabit Ethernet	
1x RJx45 or 1x SFP	Gigabit traffic (RJ-45 with PoE splitter and surge arrester)
1x RJx45	Management port with PoE splitter and surge arrester
Service ports	
3.5mm	Audible alignment and RSSI
USB B-Type	Terminal Access
LED	Power On, Link Synchronization, RSL
Ethernet type	Gigabit Ethernet Transparent Bridge
SyncE	Yes
Management	SNMP v1/2c/3, SSH, HTTPS, Serial, RADIUS, Network Time Protocol
Carrier Ethernet functionality	Transparent
Antenna type	High Performance (ETSI class 3) Super High Performance (ETSI class 4)*
Weight	0.6m / 2ft with mount < 7.5kg / 16.5 lbs 0.3m / 1ft with mount < 7.5kg / 16.5 lbs
Power consumption	20W typical, maximum <35W

* Inquire SAF representative for more information

