

MAIN FEATURES

- Dual carrier, Dual Core
- 6 GHz to 42 GHz licensed bands
- In house technology Single chip RF Multicore
- Up to 2x112 MHz channels
- 4 QAM-2048 QAM with ACM
- Integrated XPIC circuitry
- L1 Link aggregation
- 4x4 MIMO support
- SM-OS based platform
- 4 x 1/2.5 Gbps Ethernet ports
- Multilayer Header Compression
- Synchronous Ethernet and 1588v2 support
- MEF Carrier Ethernet platform
- Switch fabric 46 Gbps
- PoE and dedicated power feeder connectors
- HQoS and traffic shaping
- OAM 802.1ag/ITU-TY 1731
- MPLS ready platform
- Open Flow support for SDN
- AES128/256 Encryption
- Single NE management
- CISCO Microwave Adaptive Bandwidth interworking

MAIN FEATURES

- Full frequency 6 GHz to 42 GHz coverage to address any application, offering very high modulation schemes to reach 4 Gbps capacity transport in a single compact unit.
- SM-OS Single Operating system common to all the SIAE MICROELETTRONICA's product platform. The SM-OS accelerates the distribution of new carrier grade features throughout the network. It guarantees common consistent behavior and operational capacity for the entire portfolio. It's brings flexibility where it is needed.
- Unmatched spectrum efficiency and larger channel selection (single 10/14 MHz up to 2x112 MHz channels).
- Integrated XPIC capability using 34% less power consumption than single carrier solutions.
- Future proof architecture that quadruples the throughput, achieves better link availability and reducing the antenna size requested.
- Best in class system gain for Microwave Backhaul in all the frequency range.
- Drastic reduction in TCO thanks to high level of integration and Zero foot print.

Supported Configurations	Single Unit - Dual Core: 1+0 / 1+1 / 2+0 / XPIC Two Units - Quad Core: 2+2 / 4+0 / 1+1 XPIC / 4x4 MIMO
Key Features	2x 10/14/28/30/40/50/56/60/80/112 MHz software selectable bandwidths
Modulations	4QAM – 4096 QAM with ACM
Ethernet Service Delivery	Carrier Grade CE/MPLS Layer2 VPL and VPLS Services MEF defined E-Line and E-LAN service support Carrier Ethernet CE2.0 compliant H-QoS (per port, Service and Class of service) Flow-Based Traffic Shaping ITU-T Synchronous Ethernet and IEEE1588v2 native support
Compliant with	ETSI , FCC



MEMBER OF:



MEF



COMPANY WITH QUALITY MANAGEMENT
SYSTEM CERTIFIED BY DNV
= ISO 9001:2008 =