



# CFIP Phoenix C

compact feature rich licenced microwave split-mount solution for broadcasting, telecom industry and government



- Ideal for triple-play service backbone infrastructure to wirelessly transmit Internet, Video and Voice traffic
- Throughput up to 360 Mbps per radio with AES encryption option
- Capacity expandable up to 1Gbps with 2+0, 3+0 link bonding option
- Modular, future-proof design with flexible network configurations with up to 64E1/T1 or up to 16 native ASI interfaces with low latency and low jitter
- 1PPS and 10MHz time and frequency transfer essential for DVB-T SFN networks

## Optional modules



External ASI module for Phoenix C IDU,  
4x BNC, 2x SFP ports with Time Synchronization



External ASI module for Phoenix C IDU,  
4x BNC, 2x SFP ports



16E1/T1 external module for CFIP Phoenix C IDU,  
16x RJ-45, 2x SFP ports

CFIP Phoenix C split mount system is designed to fit in a classic telecom architecture with a radio located outdoors and a sheltered indoor unit. CFIP Phoenix C system has a compact indoor unit that enables transition from TDM networks to hybrid TDM/IP networks providing up to 64E1, Gigabit Ethernet ports, or up to 16 ASI ports for transferring video signal. Total maximum capacity is up to 362 Mbps full duplex.



	ETSI	FCC
Frequency Bands	4/6/7/8/10/11/13/15/18/23/26/32/38/42 GHz	6/7/11/13/15/18/23/38 GHz
Channel Bandwidths	7, 14, 28, 40, 56 MHz	10, 20, 30, 40, 50, 60 MHz
Modulation	4QAM, 16QAM, 32QAM, 64QAM, 128QAM, 256QAM with hitless ACM	
Capacity	up to 362 Mbps	
Configurations	1+0, 1+1 (HSB, SD, FD), 2+0, 3+0, 4+0 link bonding	
Synchronization	SyncE, 1588v2	
Encryption	AES 256bit	
Traffic/Management ports	3x 10/1000Base-T, RJ-45 – for traffic and/or management access, 2x SFP (1000BaseSX/LX) – for traffic, also work as Extension/Protection ports/Aggregation ports, USB B – separate serial IP management access, N-Type Female – for connection to ODU	
Management	MIB, SNMP v1/v2c /v3, Web GUI (HTTP/HTTPS), Telnet, FTP, SSH, Serial interface (USB IP port) , in-band or out-band management	
Ethernet switch	Managed Gigabit Ethernet Layer 2	
QoS	IPv4 TOS/DSCP, 802.1p mapped in 4 prioritization queues with VLAN support, IPv6 Traffic Class	
VLAN support	802.1Q (up to 4K VLAN entries)	
IDU Operational use	ETSI EN 300 019, Part 1-3, Class 3.2	
Max. power consumption	for IDU: <22 W (full port connection) for CFIP ODU: SP 13-27W, HP 21-39W	

\* Inquire SAF representative for more information

