



CFIP Phoenix

split mount radio system with capacity of up to 363 Mbps full duplex



- High Capacity Throughput supporting 256QAM modulation and 56 MHz channel bandwidth
- Modern components and latest technologies applied in CFIP Phoenix make it one of the most energy efficient equipment on the market
- Industrial grade design with fanless cooling system and split mount architecture
- Flexible TDM/IP architecture allows easy transition from TDM-only to hybrid or IP-only network
- Built-in managed Gigabit Ethernet switch, QoS, up to 4093 concurrent VLANs

Intended for classic telecom architecture CFIP Phoenix split mount system is designed to fit in a classic telecom architecture with a radio located outdoor and a sheltered indoor unit. CFIP Phoenix also enables transition from TDM networks to hybrid TDM/IP networks providing up to 20E1 + GigE. Total maximum capacity is up to 363 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	3.5, 7, 14, 28, 40, 56 MHz	5, 10, 20, 30, 40, 50, 56 MHz
Modulation	4QAM, 16QAM, 32QAM, 64QAM, 128QAM, 256QAM with hitless ACM	
Capacity	up to 363 Mbps	
Configurations	1+0, 1+1 (HSB, SD, FD), 2+0, 3+0, 4+0 Ethernet aggregation	
Ethernet	4x 1000Base-T, RJ-45	
E1/T1	20x E1/T1, RJ-45	
Service ports	AUX RS-232, RSSI port for RSL, Serial port for MNGT configuration, EOW, 1+1 protection port, Alarm port	
Connection to ODU	N-Type Female	
Management	MIB, SNMP v1/v2c, Web GUI, Telnet, FTP/TFTP, Serial terminal	
Performance graphs	Rx level, Tx level, Radial MSE, LDPC decoder stress, Modem temperature, IDU temperature, ODU temperature, Power supply input voltage, Power supply power consumption, equalizer graph , uptime counter	
Ethernet switch	Managed Gigabit Ethernet Layer 2	
QoS	64 level DiffServ (DSCP) or 8 level 802.1p mapped in 4 prioritization queues with VLAN support	
VLAN support	802.1Q (up to 4K VLAN entries)	
Spanning Tree	802.1D-2004 RSTP, 802.1Q-2005 MSTP	
IDU Operational use	Conforms to ETSI EN 300 019 Class 3.1E, IP20, NEMA 1	
Max. power consumption	for IDU: 20-30W for CFIP ODU: SP 13-27W, HP 21-39W	

* Inquire SAF representative for more information

