



CFIP Phoenix

split mount radio system with capacity of up to 366 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 366 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 366 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



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