

33dBm REMOTE OPTICAL UNIT-MIMO



SISO (Path 1)



MIMO (Path 2)

	REMOTE OPTICAL UNIT
1. Technology Specifications:	
Supported Technologies	GSM, DCS, UMTS, LTE (TDD & FDD)
Supported Bands	LTE850: 824 – 844 MHz / 869 – 889 MHz GSM900 / LTE900: 890 – 915 MHz / 935 – 960 MHz GSM1800 / LTE1800: 1710 – 1785 MHz / 1805 – 1880 MHz UMTS2100 / LTE2100: 1920 – 1980 MHz / 2110 – 2170 MHz LTE2300: 2300-2400 MHz LTE2500: 2500-2700 MHz (any contiguous 100MHz TBD before ordering)
Supported LTE Configurations	UL/DL Configurations: Config 0-6 Special Subframe Configurations: Config 0-8 (Operators in the same band to operate on - Same UL/DL, Special sub-frame configurations and Cyclic prefix; Same clock or Sync)
MIMO Support	Yes
2. Optical Specifications	
Optical Output Power	Min 2 dBm
Optical Link Loss	5 dBo (Typical)
Fiber Type	Single Mode Fiber
UL Wavelength	1550/1510/1530/1570 nm
DL Wavelength	1310 nm (Typical)
Supported Distance	Up to 10 Kms
Optical Interfaces	1 (x 2)
Optical Connector	SC/APC
3. RF Specifications	
RF Output Power (Composite, per Band)	33 ± 2 dBm

INTERNATIONAL SALES

536, Blenheim Centre, Hounslow, London
TW3 1ND, UK. Tel: +44-7787856914

INDIA HEADQUARTERS

D-213, Sector-63, Noida – 201301,
New Delhi NCR, India. Tel: +91-120-4859650

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RF Interfaces	1 (x2)
Noise Figure	<6
RF Port Connectors	N(F)
Standards	EMC: ETSI EN 301-489/1 Safety: IEC/EN 60950
4. EMS Specifications	
Remote Management	Optical through MOU
System Monitoring Port (Using GUI)	USB Port
5. Power Specifications	
Power Supply	AC90-264V, 45-65Hz
Power Consumption, Watt	< 1500 (per path)
6. Mechanical Specifications	
Mounting Type	Wall Mount
Heat Dissipation	Inbuilt Fan Cooling
Type	Indoor (IP40)
Dimensions, mm (H x W x D)	900 x 564 x 565
Weight, Kg	< 120
7. Environmental Specifications	
Operating Temperature	-10°C to + 55°C
Storage Temperature	-20°C to + 70°C
Relative Humidity	95%
MTBF	≥ 100,000 Hrs

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