

PDH-5808

Microwave for E1/T1 communication

Outdoor unit (ODU)



Indoor unit (IDU)



System features

System gain	102dB (not including antenna gain)	
Operating frequency	A Band	5.735~5.800 GHz
	B Band	5.755~5.820 GHz
	C Band	5.775~5.840 GHz
Tx / Rx interval	65MHz	
RF bandwidth	20MHz	

Transmitter		
RF output	+20dBm (max.+23dBm)	
Modulation mode	QPSK	
Receiver		
Receive Sensitivity	-82dBm, BER=10 ⁻⁶	
Non-damaged received level	0dBm	
Demodulation	QPSK demodulation	
AGC range	>60dB	
Terminal Interface		
Data capacity	PDH5808	8*E1
	PDH5808-L	8*E1 & LAN1 (10/100 Base-T)
Data rate	16.896Mbps	
Data interface	HDB3 comply with CCITT G.703	
Connector	BNC	
Power Supply		
Input voltage	-48V±10%DC	
Power consumption	30W/-48VDC(Max. transmitting power)	
Fuse	2A (fast)	

Environment		
Indoor	0~+60℃	
outdoor	-30~+70℃	
Humidity	95% non-condensed	
Storage temperature	-55~85℃	
Dimensions		
IDU	W×H×D	430*45*270 (mm)
	Weight	3Kg
OUD	W×H×D	320*310*101 (mm)
	Weight	5.5Kg

Standard Accessories



Bracket*3



Phone



N-Connectors