

COL5600JP IP to ISDB-T Modulator



Outline

COL5600JP IP to ISDB-T modulator is a high performance modulator developed according to ARIB STD-831 standard. It provides a more powerful receiving ability to simultaneously process 4 IP streams inputting from encoder, multiplexer, gateway and etc head-end. It outputs digital RF after multiplexing process.

For management and operation, this device supports local and remote control through a web-based NMS system.

Key Features

✓ Complying with ARIB STD-831 standard

✓ 1000M IP port, 4 IP streams input

✓ Support 4 IP output

✓ Programs output through RF with multiplexing

✓ Dual adjacent carriers output

✓ RF Output frequency range: 30MHz~1000MHz in 1 kHz step

✓ Support PID remapping

1 www.colable.com





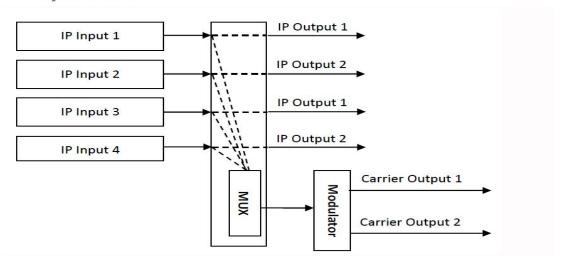
LCD/keyboard and Web-based NMS operation

Specifications

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	4* IP (MPTS/SPTS) input over UDP (Unitcast/Multicast) (1000M port based			
IP Input	Ethernet)			
	IGMP Snooping: v2, v3			
RF Output	Standard		ARIB STD-B31	
	Bandwidth		6M	
	Constellation		DQPSK, QPSK, 16QAM, 64QAM	
	Guard Interval		1/32, 1/16, 1/8, 1/4.	
	Transmission Mode		2K, 4K, 8K	
	FEC		1/2, 2/3, 3/4, 5/6, 7/8	
	MER		≥42dB	
	Output		30~1000MHz, 1KHz step	
	RF output level		-30~ -10dbm (77~97 dbμV), 0.1db step	
IP Output	4*IP output, one for one with the 4 IP input			
System	LCD/keyboard operating and Web-based NMS support			
	Ethernet software upgrading			
General	Dimension	482mm×300	Omm×44mm (W*D*H)	
	Weight	2.3kg	2.3kg	
	Temperature	0~45℃(Operation); -20~80℃(Storage)		
	Power	AC 110V±10%, 50/60Hz; or AC 220V±10%, 50/60Hz		
	Consumption	25W		



Principle Chart



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