

ASK Transceiver Series

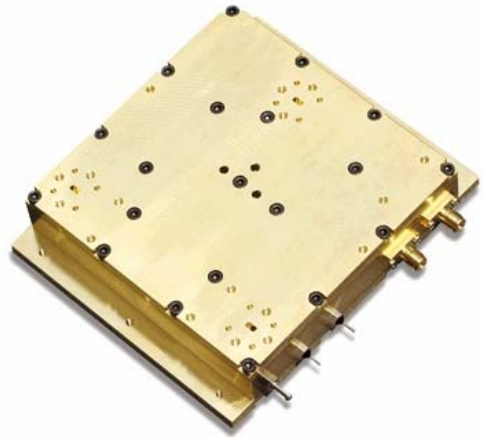
TR60AK155/650/1250

Features

- Low cost High-Speed data link wireless solution
- General digital transmission
- ASK modulation up to 1.25Gbps
- Built in 30dB Gain Control
- Custom specifications are available

Applications

- Fast Ethernet, OC-3/STM-1 networks (TR60AK155)
- Gigabit Ethernet, OC-24 networks (TR60AK1250)
- LAN to LAN interconnection
- Wireless Digital interface(USB2.0, IEEE1394, etc.)
- High Speed Video communications
- Backbone networks
- Secure communications
- Mobile base station network (GSM, CDMA, etc.)



Specifications

Parameter		Specifications		
		TR60AK155	TR60AK650	TR60AK1250
Transmitter	RF Frequency Range [GHz]	64.35±0.25 (A)	62.50±0.65 (A)	60.7±1.1 (A)
		65.35±0.25 (B)	64.35±0.65 (B)	63.9±1.1 (B)
	LO Frequency [GHz]	64.35(A)/65.34(B)	62.50(A)/64.35(B)	60.7(A)/63.9(B)
	Output Power [dBm]	10		
	RF VSWR	2.0 : 1		
	Baseband VSWR	1.5 : 1		
Receiver	RF Frequency Range [GHz]	65.35±0.25 (A)	64.35±0.65 (A)	63.9±1.1 (A)
		64.35±0.25 (B)	62.50±0.65 (B)	60.7±1.1 (B)
	Noise Figure [dB]	8.0		
	Dynamic Range [dBm]	-65 ~ -30	-60 ~ -30	-60 ~ -30
	Conversion Gain [dB]	60		
	Gain Flatness [dB]	±1	±2	±2
	RF VSWR	2.0 : 1		
	Baseband VSWR	1.5 : 1		
Common	Modulation	ASK		
	Baseband Bit-rate [Mbps]	155	650	1250
	Port	WR-15(RF) / SMA-female (Base Band)		
	Bias Voltage / Current	5V / 1.5A		
	Size (L × W × H) [mm]	80 × 100 × 26	80 × 100 × 26	130 × 100 × 26

Specifications can be change without notice.

