

Transmitter

1. POWER SUPPLY

NO	ITEM	SPECIFICATION			UNIT	TEST CONDITION
		MIN.	TYP.	MAX.		
1	SUPPLY VOLTAGE	4.75	5	5.25	VDc	±5%
2	CURRENT CONSUMPTION		160		mA	

2. VIDEO CHARACTERISTICS

NO	ITEM	SPECIFICATION			UNIT	TEST CONDITION
		MIN.	TYP.	MAX.		
1	INPUT IMPEDANCE		75		Ω	0~5.0 MHz
2	MODULATION DEVIATION		0			
3	AMPLITUDE FREQUENCY RESPONSE	-3		+3	dB	0.5-5 MHz
4	DEFFERENTIAL PHASE	-	-	+8	%	VIDEO CHANGE FROM BLACK TO WHITE
5	DEFFERENTIAL GAIN	-8	-	+8	%	
6	VIDEO S/N	48	-	-	dB	VIDEO IN: WHITE 50%

3. AUDIO CHARACTERISTICS

NO	ITEM	SPECIFICATION			UNIT	TEST CONDITION
		MIN.	TYP.	MAX.		
1	INPUT IMPEDANCE		600	-	Ω	0.1~10 KHz
2	AMPLITUDE FREQUENCY CHARACTERISTICS	-3	-	+3	dB	0.1~10 KHz 0 dB REF. 1 KHz
3	MODULATION		50		KHz	1Vp-p (LOAD)
4	S/N	45	-	-		15 KHz L.P.F USED
5	DISTORTION	-	-	3.0	%	

4. OUTPUT CHARACTERISTICS

NO	ITEM		SPECIFICATION			UNIT	TEST CONDITION
			MIN.	TYP.	MAX.		
1	VIDEO CARRIER OUTPUT LEVEL				10	dBm	50Ω TERMINATE PEAK VALUE AT STANDARD MODULATION
2	AUDIO CARRIER OUTPUT LEVEL			-25		dBm	REF. VIDEO O/P LEVEL
3	AUDIO SUBCARRIER FREQUENCY	AUDIO R	5480	5500	5520	KHz	
		AUDIO L	5980	6000	6020		
4	OUTPUT IMPEDANCE		-	75	-	Ω	
5	OUT-BAND SPURIOUS		40	50	-	dB	REF. VIDEO O/P LEVEL
6	IN-BAND SPURIOUS		55	60	-	dB	REF. VIDEO O/P LEVEL