



AWV665/667/668

5.8GHz AV Sender

General:

Frequency Range	5725 ~ 5875MHz
Channel Selection	PLL Synthesizer, 7CH
Channel Freq.	5740, 5760, 5780, 5800, 5820, 5840, 5860 (MHz)
Video/Audio Mod/Demod. Type	FM-FM
5.8G Antenna Type.	Omni-directional Dipole antenna
Supply Voltage	DC +9V
DC IN Jack	5.5 mm
Power On Indicator	LED, Red
Channel Indicator	DIP Switch
Outlook dimension of Transmitter	103mm*59mm*30mm
Outlook dimension of Receiver	103mm*59mm*30mm

Transmitter (AWV665/667):

Supply Current	200mA, Typ. (@ 12 dBm output) 497mA, Typ. (@ 20 dBm output)
Input Port	RCA jack
Output Power (EIRP)	0dBm (FCC) / 12 dBm (R&TTE) & 20dBm (Hi power)
Video Input	1V _{P-P} @ 75 , Typ.
Video S/N Ratio	45dB, Typ.
Video Carrier Frequency Accuracy	±300KHz, Typ.
Audio Input	1V _{P-P} @ 600 / 3V _{P-P} @10K , max
Audio S/N Ratio	50dB, min (50Hz ~ 15KHz)
Audio THD	2%, max @ 2/3 max. Input Level
Audio Sub-carrier Frequency Accuracy	±50KHz
Audio Sub-carrier Power Level	25dBc

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Receiver (AWV668):

Supply Current	296mA (standby), 305mA (IR TX On), max
Output Port	RCA jack
Input Sensitivity	-85dBm, Typ. (@ Video S/N Ratio 30dB)
Input Signal Level Range	-80dBm ~ -10dBm
Noise Figure	4dB, Typ.
Video Freq. Response	+/- 5 dB, max. (@ 50Hz ~ 5.5MHz)
Video Output	1V _{P-P} ±0.2V @ 75 Ω, Typ.
Video S/N Ratio	40dBm, min (@ 100KHz, 1Vp-p Sine Wave)
Audio Output	1V _{P-P} ±0.2V @ 600 Ω / 3 V _{P-P} ±0.3V@10K Ω Typ.
Audio Freq. Response	-3dB Bandwidth, max. (50Hz ~ 15KHz)
Audio THD	2%, max. @ 1/3 Typical Output Level
Audio S/N Ratio	40dB, min.(50Hz ~ 15KHz) @-65dBm I/P Carrier Level
Audio R-L Separation	30dB, min. (1KHz @ Typical O/P Level)
Audio R-L Balance	20dB, max. (1KHz @ Typical O/P Level)



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