



EH - 287xx Advanced Outdoor Amplifier

EH-28730 (PAL) Specification

Item	EH-28730A	EH-28730B	EH-28730C	EH-28730A	EH-28730B	EH-28730C
Output Sort	1 Out 1 BR	2 Out	1 Out	--	--	--
	FORWARD			REVERSE		
TECHNOLOGY	1PP 1PD HYBRID IC			--	--	--
BROAD BAND	46-870 MHz			5-30MHz		
GAIN	Out 1: 32dB BR: 21dB	2 Outs: 29dB	33dB	-3.5dB by pass	-6.5dB by pass	-2.5dB by pass
RESPONSE FLATNESS	±0.75dB			±0.75dB		
GAIN CONTROL	PLUG-IN AND INTERSTAG 8dB CONTINUOUS			--	--	--
SLOPE CONTROL	PLUG-IN AND INTERSTAG 6dB CONTINUOUS			--	--	--
NOISE FIGURE	8.5 dB MAX.			--	--	--
RETURN LOSS (75-ohm REF.)	16dB			16dB		
RATED OUTPUT LEVELS	106dB	103dB	106dB	--	--	--
RATED SIGNAL LEVEL DISTORTION	90/100 dBuV (46/862MHz)	87/97 dBuV (46/862MHz)	90/100 dBuV (46/862MHz)	--	--	--
X- MODULATION	67dB	67dB	69dB	--	--	--
CSO	59dB	59dB	61dB	--	--	--
CTB	62dB	62dB	64dB	--	--	--
INPUT/OUTPUT IMPEDANCES	75 Ω					
MODULATION POWER REQUIREMENTS	60dB					
MAX. POWER CONSUMPTION	30 ~ 90V					
POWER FREQUENCY	26 WATT					
INTERNAL CIRCUIT VOLTAGE	50Hz/60Hz					
HOUSING DESIGN	DC 24V ±0.5V					
LIGHTNING CONDUCTOR	ALUMINUM HOUSING DESIGN WITH GOOD HEAT SPREAD					
DIMENSION	10kA (8/20uS ; 10 SHOCKS)					
WEIGHT(GW)	260 * 185 * 112mm (L * W * H)					
USED FOR	3.13 Kg					
	SMATV / MATV / CATV					
	* * * * * Optional Accessories * * * * *					
PLUG-IN RETURN AMPLIFIER	MODEL: 1. REV-24/33, 2. REV-24/33A GAIN: 24dB GAIN & SLOPE Adjustable					
PLUG-IN FIX ATT	ATT-101,ATT-102,...ATT-120, 1000MHz 1dB ~ 20dB					
PLUG-IN FIX EQ	EQ 802,EQ 803,...EQ 818. 2~20dB					
PLUG-IN Adjustable EQ	46-862MHz, adjustable 0~18dB; EV-818					
PLUG-IN ALC	MODEL: ALC-260 ASC : 55.25MHz , AGC:439.25MHz					

EH-28742 (NTSC) Specification

Item	EH-28742A	EH-28742B	EH-28742C	EH-28742A	EH-28742B	EH-28742C
Output Sort	1 Out 1 BR	2 Out	1 Out	--	--	--
	FORWARD			REVERSE		
TECHNOLOGY	1PP 1PD HYBRID IC			--	--	--
BROAD BAND	54~870 MHz			5~42MHz		
GAIN	Out 1: 32dB BR: 21dB	2 Outs: 29dB	33dB	-3.5dB by pass	-6.5dB by pass	-2.5dB by pass
RESPONSE FLATNESS	±0.75dB			±0.75dB		
GAIN CONTROL	PLUG-IN AND INTERSTAG 8dB CONTINUOUS			--	--	--
SLOPE CONTROL	PLUG-IN AND INTERSTAG 6dB CONTINUOUS			--	--	--
NOISE FIGURE	8.5 dB MAX.			--	--	--
RETURN LOSS (75-ohm REF.)	16dB			16dB		
RATED OUTPUT LEVELS	106dB	103dB	106dB	--	--	--
RATED SIGNAL LEVEL DISTORTION	90/100 dBuV (54/870MHz)	87/97 dBuV (54/870MHz)	90/100 dBuV (54/870MHz)	--	--	--
X- MODULATION	67dB	67dB	69dB	--	--	--
CSO	59dB	59dB	61dB	--	--	--
CTB	62dB	62dB	64dB	--	--	--
INPUT/OUTPUT IMPEDANCES	75 Ω					
FROM MODULATION POWER REQUIREMENTS	60dB					
MAX. POWER CONSUMPTION	30 ~ 90V					
POWER FREQUENCY	26 WATT					
INTERNAL CIRCUIT VOLTAGE	50Hz/60Hz					
HOUSING DESIGN	DC 24V ±0.5V					
LIGHTNING CONDUCTOR	ALUMINUM HOUSING DESIGN WITH GOOD HEAT SPREAD					
DIMENSION	10kA (8/20uS ; 10 SHOCKS)					
WEIGHT(GW)	260 * 185 * 112mm (L * W * H)					
USED FOR	3.13 Kg					
	SMATV / MATV / CATV					
	* * * * * Optional Accessories * * * * *					
PLUG-IN RETURN AMPLIFIER	MODEL: 1. REV-24/42, 2. REV-24/42A GAIN: 24dB GAIN & SLOPE Adjustable					
PLUG-IN FIX ATT	ATT-101,ATT-102,...ATT-120, 1000MHz 1dB ~ 20dB					
PLUG-IN FIX EQ	EQ 802,EQ 803,...EQ 818. 2~20dB					
PLUG-IN Adjustable EQ	46~862MHz, adjustable 0~18dB; EV-818					
PLUG-IN ALC	MODEL: ALC-260 ASC : 55.25MHz , AGC:439.25MHz					

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