

TA860,TA860-R



Description

TA860, TA860-R is house amplifier for indoor use, It is specially designed for the delivery of data, video and voice service.

It also provides high RF performance and supports two way transmission (both forward path and reverse path)



- ◆ PHILIPS amplifier module.
- ◆ High gain, high output level and low non-linear.
- ◆ Variable attenuator(0~15dB) and equalizer(0~18dB) in forward path.
- ◆ Two outputs with plug-in splitter or 1-tap.
- ◆ Different frequency split is specified by clients.
- ◆ Local and remote powering available.
- ◆ Weatherproof and RF-screened die-cast housing.

Electrical performance

Item	Unit	Specification
Forward Path		
Frequency Range	MHz	47/87-862
Gain	dB	30 ± 1.0
Flatness	dB	± 1.0
Gain Adjustment	dB	0~15
Slope Adjustment	dB	0~18
Rated Input Level	dBuV	72
Rated Output Level	dBuV	102
Noise Figure	dB	≤10
C/CTB	dB	≥58
C/CSO	dB	≥56
Group Delay	ns	≤10(112.25MHz/116.68MHz)
Hum Mod.	%	<2
Return Loss	dB	≥14
Return Path		
Frequency Range	MHz	5-30/65
Gain	dB	15 ± 1.0
Flatness	dB	± 0.75

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Gain Adjustment	dB	0~10
Rated Output Level	dBuV	110
Noise Figure	dB	≤12
CSO	dB	≥52
Group Delay	ns	≤20(57MHz/59MHz)
Hum Mod.	%	<2
Return Loss	dB	≥16
General		
Impedance	Ω	75
Power Remote/Local	V	AC15~60 / AC165~250
Power Consumption	VA	8
Surge Protection	KV	>5
Dimension	mm	178(L)*100(W)*55(H)
Connector	F type female, Imperial thread	

General

- ◆ Connectors : F type female connector, imperial thread
- ◆ Power Supply :165~250V 50Hz or 15~60V AC
- ◆ Power consumption :8 VA
- ◆ Operating Temperature : -20~+50 °C
- ◆ Dimension: 178 (L)*100* (W)*55 (H) mm