

AST860,AST860-R



Description

Sub-trunk CATV amplifier, 2-output, 47/87-862MHz, transistor + PHILIPS amplifier module BGD814, fixed plug-in or variable ATT (20dB) and EQ (18dB), output level 106 dBuV, gain 34dB, imperial F type female port, outdoor waterproof housing, AC135~250V (power cord with EURO (2 pole with GND) or USA standard plug (3 pole)) or 60V.



Feature

- ◆ PHILIPS power doubler module
- ◆ High gain, high output level and low non-linearities
- ◆ Plug-in fixed or variable attenuator and equalizer(0~20dB)
- ◆ 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

Specification

Item	Unit	Specification
Frequency Range Forward	MHz	47/87-862
Frequency Range Return	MHz	5-30/65
Gain Forward Path	dB	34 ± 1.0
Gain Return Path	dB	20 ± 1.0
Frequency Response	dB	± 0.75
Gain Adjustment	dB	0~20
Slope Adjustment	dB	0~20
Output Level	dBuV	122 (DIN45004B)
Noise Figure	dB	<7
C/CTB	dB	>60
C/CSO	dB	>59
Input Test Point	dB	-20±2.0

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Output Test Point	dB	-30±2.0
Return Loss	dB	> 14
Impedance	Ω	75
General		
Connector		5/8" UNEF to F female, imperial thread
Power Supply	V	AC230/AC60
Power Consumption	W	20
Operating Temperature	°C	-20 ~ +50
Storage Temperature	°C	-30 ~ +50
Dimension	mm	270* (L)*180* (W)*150 (H)
Weight	Kg	3.0/3.3

Application

- ◆ HFC network