

Outdoor Trunk Amplifier E type



Description

E type CATV trunk amplifier, 2-output, 5-42,65/54,87-862MHz, transistor and PHILIPS amplifier module, fixed plug-in ATT (20dB) and EQ (18dB), output level 106dBuV, forward gain 32dB, return gain 20dB, imperial F type female port, outdoor waterproof housing, AC110V, 220V or 60V.

Key Feature

- ◎ High gain, high output level and low non-linearities
- ◎ Plug-in diplex filter, fixed attenuator and equalizer
- ◎ Forward path low noise chip and amplifier module
- ◎ Different frequency split is specified by clients
- ◎ Local and remote powering available
- ◎ Weatherproof and RF-screened die-cast housing
- ◎ Switching power supply and transformer power supply
- ◎ Surge protection circuit against thunder.

Specification

Item	Unit	Specification
RF Parameter		
Forward Frequency Range	MHz	54/87~860
Return Frequency Range	MHz	5~42/65
Forward Gain	dB	32
Return Gain	dB	0/20
Flatness	dB	+/-0.75
Frequency Response	dB	+/-0.75
Max. Output Level	dB	102/109
Noise Figure	dB	8
CSO	dB	62
CTB	dB	68
Input Test Point	dB	20+/-2
Output Test Point	dB	30+/-2
Return Loss	dB	16
Impedance	Ω	75
Surge Protection	KV	5(10~700us)

General		
Connector		5/8"-F female, imperial
Power Supply	V	AC110,220 or 60
Power Consumption	W	20
Operating Temperature	C	-20~50
Storage Temperature	C	-40~70
Relative Humidity	%	95 no condensation
Dimension	mm	325(L)*230(W)*120(H)
Weight	Kg	2.5

Application

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Block Diagram

