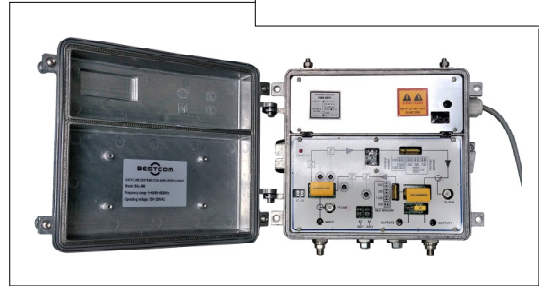


BLA SERIES TRUNK AMPLIFIER

FEATURES:

- Distribution of television, sound and interactive multimedia signals
- Suitable for CATV Two-way system
- 30/47MHz and 65/85MHz splits versions
- High output level at a large number channel capacities
- On board return amplifier
- Input attenuator & equalizer setting via stepwise rotary switches
- Remote and local powered versions
- Aluminium die-cast housing, wall and strand-fixing
- IP65 grade



TECHNICAL SPECIFICATIONS:

Model		BLA-883	BLA-886	BLA-893	BLA-896
Bandwidth	Forward way	47~862MHz	85~862MHz	47~862MHz	85~862MHz
	Reverse way	5~30MHz	5~65MHz	5~30MHz	5~65MHz

Forward way	Gain	34dB	
	Response flatness	± 0.5dB	
	Input attenuator	0~15dB (1dB steps rotary switch)	
	Input equalizer	0~15dB (1dB steps rotary switch)	
	Interstage attenuator	0 / 3 / 5 / 7dB (plug-in)	
	Interstage equalizer	0 / 9 dB (plug-in)	
	Noise figure	<7dB	
	Output level	≥124dBμV (-60dB IMD3, EN50083-3)	
	≥111dBμV (>60dB CTB & CSO, 42 channels, flat)		
	≥114dBμV (>60dB CTB & CSO, 42 channels, 8dB sloped)		

Reverse way	Gain	22dB	
	Input attenuator	0 / 1.5 / 3 / 6 dB (plug-in)	
	Output attenuator	0~15dB (1dB steps plug-in)	
	Output equalizer	0~15dB (1dB steps plug-in)	
	Noise figure	<6dB	
	Output level	≥115dBμV (-60dB IMD3, DIN45004B)	

General	RF connector	5/8" – 24 UNEF	
	Input/Output return loss	>16dB	
	Input/Output test point	-20dB	
	Screening factor	>80dB	
	Max. current for RF ports	10A	
	Power voltage	35~90VAC	150~250VAC
	Power consumption	40W	
	Dimensions	230mm(H)x250mm(W)x100mm(D)	
	Weight	3.5kg	
	Temperature	-10~60°C	