



Description

The PR-310 is a remote feeding preamplifier for terrestrial and satellite TV. Unit has a fixed preset gain. The unit is fed power by the output connector, via the coaxial cable, from other amplification equipment or separate voltage injector.

Applications

They are used at the output of the receiving antenna to amplify terrestrial or satellite antenna signals which are too weak. Can also be used at the output of a passive distribution element when the distance to the TV outlet is great.

Characteristics

Shielded zamak chassis, with female input and output F connectors.

CODE	9090029	
MODEL	PR-310	
Frequency Band		TV / SAT
Frequency range	MHz	5 – 2400
Gain	dB	10±1.0
Flatness response	dB	±1.0
		±0.1 (8MHz) TV
		±0.2 (36Mhz) SAT
Output Level (DIN 45004B) TV	dBµV	102
Output Level (IMD ₃ -60 dB) TV	dBµV	99
Output Level (IMD ₂ -60 dB) TV	dBµV	81
Output Level (IMD ₃ -35 dB) SAT	dBµV	109
Output Level (IMD ₂ -35 dB) SAT	dBµV	101
Noise Figure	dB	4
Return loss I/O	dB	>10
Chroma-luminance delay	ns	<1
Connection		F - Female
DC path	mA	500
	V DC	13/18
Power supply	mA	12/36
	°C	-10 +65
Operating temperature	°C	-10 ... +55(with fan) / +45 (without fan)
Room temperature	°C	
Protection Index		IP 20
Packing weight	Kg	0.02
Packing dimensions	mm	15 x 80 x 100