904 BROADBAND AMPLIFIERS

DISTRIBUTION AMPLIFIER IF-TV (RP 30 MHZ)



Code : **9040160**

Model : **DA-741**

Description

Broadband distribution amplifier for terrestrial TV and IF satellite. It amplifies the return path, and is available in different frequencies according to the model. It has a gain control and slope control on each TV and SAT band. Fed by a built-in switching power supply. The input and output test point permits the checking and adjustment of the installation without having to disconnect the TV signal.

Applications

Used as a distribution amplifier in large terrestrial and IF band SMATV installations. Designed to permit the distribution of the IF band among groups of different buildings or houses from one single SAT head-end.

Characteristics

Made from zamak and galvanised steel for maximum shielding. Separate housings for the power supply unit and the high frequency circuit. F type connectors, located on the lower part to help with the distribution.

CODE		9040160			9040161		
MODEL		DA-741			DA-743		
Frequency range	Band	RETURN	TV	SAT	RETURN	TV	SAT
	MHz	5-30	47-862	950-2150	5-65	86-862	950-2150
Gain	dB	20	50/35 *	40	20	50/35 *	40
Gain adjust	dB	20	20	20	20	20	20
Fixed equalization	dB	-	5	4	-	5	4
Adjustable equalization range	dB	-	20	8	-	20	8
Output test point	dB	30	30	30	30	30	30
Output level	dBµV	118	121	121	118	121	121
Return loss I/O	dB	≥ 14	≥ 10	≥ 9	≥ 14	≥ 10	≥ 9
Noise figure	dB	7	6	9	7	6	9
Fuse	Vac	250					
	A	1,6 (Type F)					
Mains voltage	Vac	90 .. 264					
	VA	10,5					
Operating temperature	°C	-10 .. +65					
Protection index	Vac	IP 50D					

* Gain switch