

SPECIFICATIONS LA35R

Typical, for T= 20degC, Zin= Zout= 75 ohms

Parameter	Notes	Forward	Reverse	Units
Bandwidth		54-1220	5-42	MHz
Technology		GaAs E-pHEMT	Si-Bipolar	
Average Full Gain		34	18	dB
Flatness		+/-1	+/-1	"
Return Loss, IN/OUT		-16	-16	"
Test Points, IN/OUT		In & Out: -20dB	In & Out: -20dB	"
Gain Control	0.45" JXP	In	In & Out	"
Slope Control	Mid, JXP Plug-In	In & Mid		
Forward Distortions: 42dBmV (54/1000MHz) flat output level, 79 NTSC channels, digital at -6dB after 550MHz				
CTB		-58		dBc
CSO		-64		"
Xmod		-60		"
Forward Distortions: 32/44dBmV (54/1000MHz) output level, 79 NTSC channels, digital at -6dB after 550MHz				
CTB		-65		dBc
CSO		-65		"
Xmod		-65		"
Reverse Distortions: 48dBmV flat output on each of the CH T8 and T9 according to ANSI/SCTE1 152006				
DTO	(on 7 & 25MHz)		-75	"
DSO	(on 6 & 32MHz)		-60	"
Xmod	(on T8, 9)		-75	"
Noise Figure	With 0dB jumpers	<6	<6	dB
Fwd Group Delay	CH2	<35		Nsec
Rev Group Delay	41-42MHz		<35	Nsec
Hum Modulation			<-80	dBc
RFI Isolation			-90	"
Surge Withstand	IN/OUT	IEEE62.41 CatA3 (6kV,200A)		
Powering		90-240VAC		Vac
Power Consumption		4		Watts
Tempuature		-30 to +55		degC
Enclosure		IP54 Category, Diecast Aluminium		
Dimensions		105 * 125 * 50 (4,15" * 4,92" * 1,97")		Mm (in)
Weight		0.7 (1.6)		Kg (lb)

Notes for Specifications:

1. Model LBXP equalizers available in 2dB steps from 0 to 26dB
2. Digital output levels are lower
3. Specifications are typical
4. Specifications are subject to change without prior notice

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