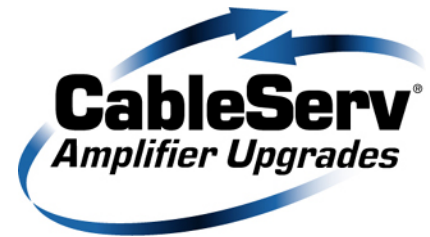


GI JLX Line Extender to 625 and 750 MHz



Product Description

A CableServ Amplifier Upgrade® expands the bandwidth of your existing amplifiers, while retaining amplifier spacing. These two factors combine to allow cable operators to gain additional bandwidth, but at the fraction of the cost of purchasing and installing new amplifiers.

CableServ® has applied this cost saving formula to 450 and 550 MHz JLX Series Line Extender Amplifiers, increasing the bandwidth up to 625 or 750 MHz without requiring a change in amplifier spacing*.

The upgrade of the cable system's amplifiers is performed at CableServ's facility by a skilled team of CATV technicians equipped with state-of-the art Network Analyzers. CableServ provides field engineering support and services to facilitate the implementation of our forward path upgrade products.

*A system survey is required in order to determine the maximum bandwidth that is achievable in relation to existing amplifier spacing.

Applications

- JLX 625 and 750 MHz Line Extenders for 550 MHz spaced cable network.



Product Features

- GaAs technology for maximum performance while reducing current consumption.
- CableServ Interstage control increased to 10dB for more flexibility in set-up.
- 625 MHz and 750 MHz Padded™ Equalizer Technology.
- Full 24 month warranty.

Product Specifications

PRODUCT MODEL: UPG GI 550MHZ JLX-7-550P TO 40/750				
PARAMETER	Notes	Units	Forward	Reverse
Technology			GaAs	Hybrid
Passband		MHz	750	5-40
Flatness		+/-dB	0.75	0.75
Operation Gain		dB	33	19.5
Noise Figure @ 547.25 MHz		dB	9	-
Output Level (55/550/750)		dBmV	39/46/48	45
Channel Loading			77	5
Distortions at Rated Level				
CTB		dB	72	70
CSO		dB	68	80
Return Loss		dB	-14	
Current DC max (Measured @ +24VDC)		mA	800	
Power Requirements @ 60 VAC		VA	32.4	
Current AC max @ 60 VAC		mA	540	
Current AC max @ 50 VAC		mA	585	
Current AC max @ 40 VAC		mA	620	

Specifications are subject to change without notice

Notes:

1. With DF-1-SS 40/53 duplex filter, FW and Rev EQ and Thermal Gain Compensator (CTF-JLX)
2. At highest frequency with input EQ installed

Order Information

PRODUCT MODEL	ORDER NUMBER
UPG GI 550MHZ JLX-7 TO 5-40/625 MHZ	824-001-551-OCE
UPG GI 550MHZ JLX-7-550 P/LC - 625MHZ	824-002-550-OCE
UPG GI 550MHZ JLX-7-550P/LC-750MHZ	824-004-451-OCE
UPG GI 550MHZ JLX-7-550P TO 750MHZ	824-004-453-OCE



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