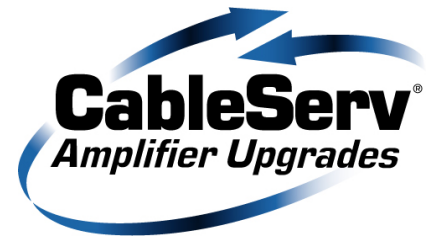


# GI MB-750 to 870 MHz & 1 GHz



## 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.

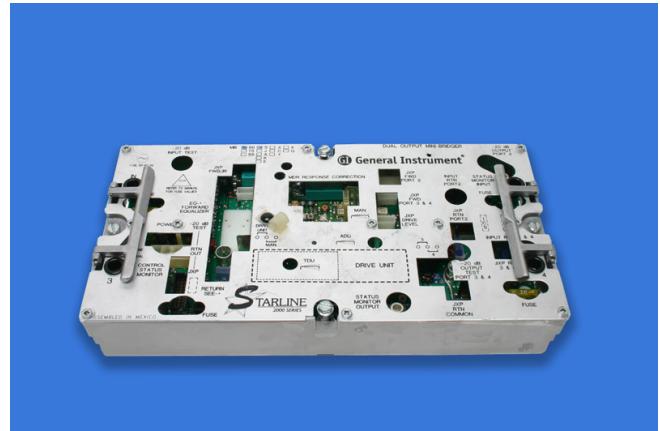
CableServ® has applied this cost saving formula to 750 MHz BLE Series Line amplifiers, increasing the bandwidth up to 1 GHz without requiring a change in amplifier spacing\*.

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

- 870 MHz or 1 GHz Line Extender for operation in 750 MHz spaced cable network



## Product Features

- GaAs technology for maximum performance while reducing current consumption.
- Accepts standard OEM accessories.
- Full 24 month warranty.

## Product Specifications

PRODUCT MODEL: UPG GI 750 MHZ MB-75SH TO 870 MHZ				
PARAMETER	Notes	Units	Forward	Reverse
Technology			GaAs-PHD	PP
Passband		MHz	53-870	5-40
Flatness		dB	0.75	0.75
Operation Gain	1	dB	37	20
Noise Figure (55/550)		dB	10.6	8
Output Level (870/550/55)		dBmV	48/46/40	41
Channel Loading			77	4
Distortions at Rated Level				
CTB		dB	-71	-68
CSO		dB	-68	-68
Return Loss		dB	-15	-15
Current DC (Measured @ 24 Vdc)		mA	800	
@ 60 VAC		mA	580	
@ 50 VAC		mA	600	
@ 45 VAC		mA	630	

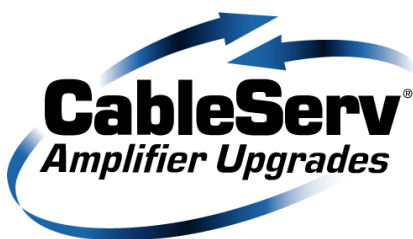
Specifications are subject to change without notice

Notes:

1. At 870 MHz with FW and Reverse EQ installed. 5dB Reserve Gain @ 870 MHz

## Order Information

PRODUCT MODEL	ORDER NUMBER
UPG GI 750 MHZ MB-75SH TO 870MHZ	824-004-505-OCE
UPG GI 750 STARLINE MB75 TO 870MHZ	824-004-506-OCE
UPG GI 750 MHZ MB-75SH TO 1GHZ	Call a CableServ Representative
UPG GI 750 STARLINE MB75 TO 1GHZ	Call a CableServ Representative



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