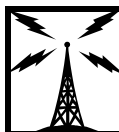


## DUPLEXER

380 - 385 & 390 - 395 MHz

Mod. 390 - 01 / 02



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TITOLO/TITLE

380 - 385 & 390 - 395 MHz DUPLEXER



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A TERMINI DI LEGGE.

CODICE/CODE 390GDA4B.PUB

PREPARED A. Benedetti

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## 1 - DESCRIPTION

The Duplexer mod. 390-01 is specially designed to operate with high gain amplifiers to realize Cell Extender or bi-directional amplifier for tunnel and bunker. The system is composed of two symmetrical input and output structure with N female connectors.

## 2 - TECHNICAL CHARACTERISTICS

### SINGLE SECTION

Connectors	3 x N female
Impedance	50 Ohm
VSWR	1.3 : 1
Transmitter to output attenuation	2.5 dB max
Input to RX amplifier attenuation	4 dB

### SYSTEM PERFORMANCE

Opposite band attenuation	90 dB min	(100 dB typ.)
Crossover attenuation	80 dB min	(90 dB typ.)
Power rating	50 W CW	(100 W max)
Operating temperature	- 20 / + 70°C	
Mechanics	single section 300 x 131 x 80 mm. including semirigid connections Finish silver plated	



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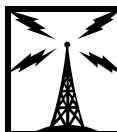
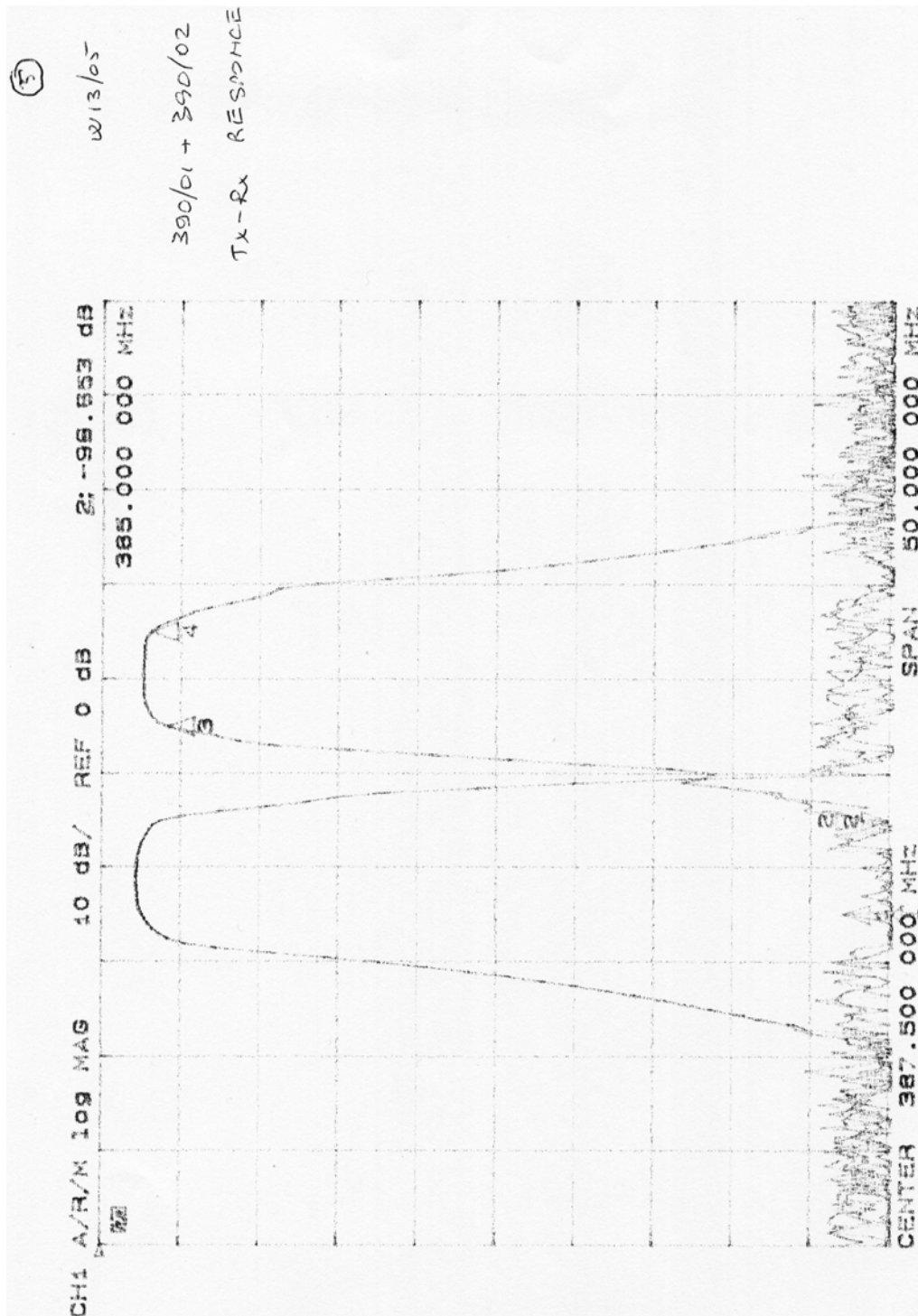
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# SYSTEM PERFORMANCE

## INPUT + OUTPUT SECTION



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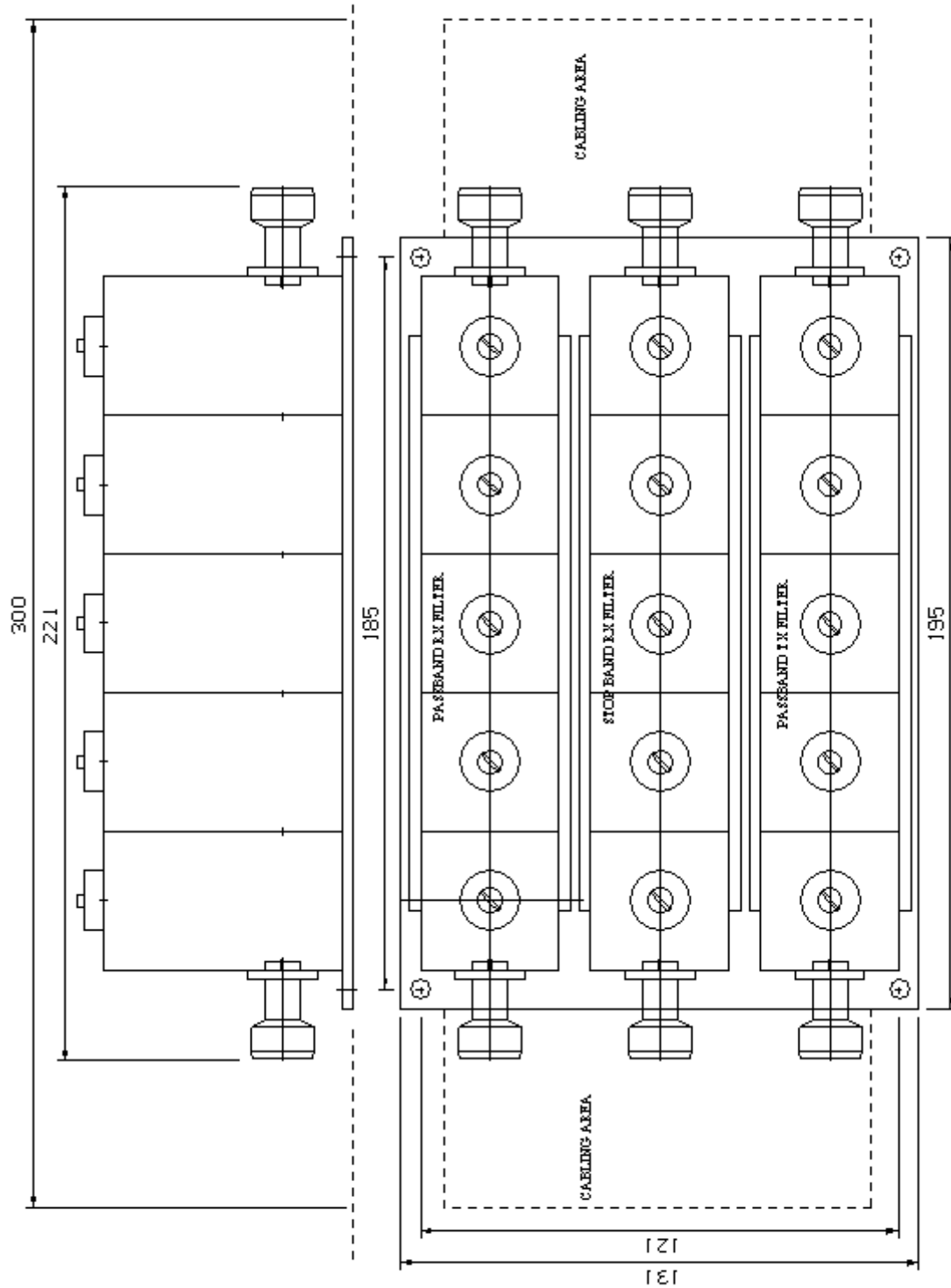
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TITOLO/TITLE 380 - 385 & 390 - 395 MHz DUPLER



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	<b>PREPARED</b> A. Benedetti <b>APPROVED</b> I. Marini	<b>DATA/DATE</b> 02/06	<b>REV.</b> B