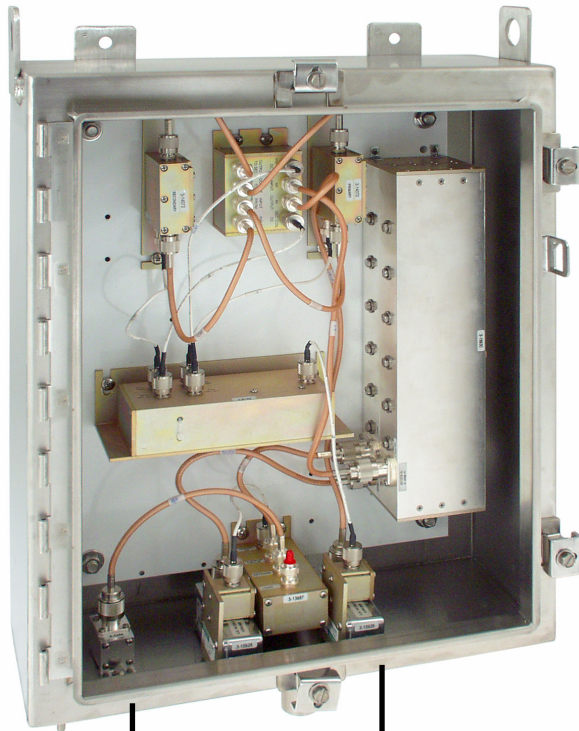


Tower Top Amplifier

792-824 MHz



421-Series Tower Top Amplifier

Model Number	421-83A-01261
TTA Specifications	
Frequency Range	792-824 MHz
TTA Noise Figure	3.5 dB typical, 4.0 dB max.
Net Gain	13 dB Typical
TTA 3 rd Order OIP	+23 dBm Typical
Bypass Insertion Loss	-3.0 dB typical
VSWR:	1.7:1 max.
Lightning Protection:	Impulse suppressor all port
Operating Temperature:	-30° to +60° C
Enclosure	NEMA 4X, Stainless Steel
Connectors	N female
Dimensions	20"H x 16"W x 6"D
Net Weight	35 lbs Est.

Receiver Multicoupler/Control Panel Specifications	
Frequency Range	746-901 MHz
Noise Figure	4.0 dB max.
Preamp 3 rd Order OIP	44 dBm
Net Gain	3 dB min.
VSWR	1.5:1 max.
Number of Channels	16
Power Requirements	85-264 VAC, 47-63 Hz
Operating Temperature:	-10° to +50° C
Mechanical	Standard EIA 19" Rack Mt.
Connectors	N fml in, BNC fml out
Dimensions	1.75"H x 19"W x 14"D
Net Weight	12 lbs



Standard Features:

- ◆ High-Selectivity combine preselector filter (>110 dB @ 776 & 851 MHz)
- ◆ Redundant low noise amplifiers and amplifier switching via base control panel
- ◆ Transient Suppression Circuitry
- ◆ RF Test Port Function to measure effective and absolute sensitivity
- ◆ By-Pass Path in the Tower Box for catastrophic failure

Preliminary specification data sheet



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