

# Q-SERIES® Amplifiers

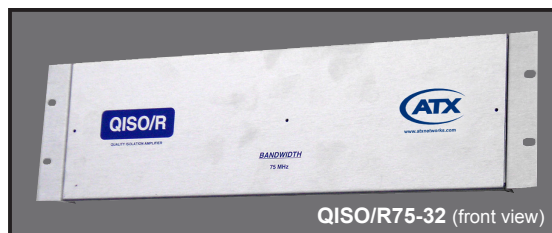
## Headend Amplifiers



### QISO/R75-32 Return Path Headend Isolation Amplifier:

#### Features:

- ▶ 3RU return path amplifier
- ▶ Active splitter with excellent return loss specifications required for digital QAM signals
- ▶ 50 dB port-to-port isolation
- ▶ Eight independent monolithic RF amplifiers
- ▶ Unity gain splitting function
- ▶ Any bandwidth 5-75 MHz
- ▶ Output match exceeds -20 dB
- ▶ Loop through combinations via directional couplers
- ▶ Allows for configuration of 4, 8, 12, or up to 32 output ports from single RF return path source
- ▶ Return signals can be routed to Telco router switches, status monitors, RF modems, & to converter polling computers without interaction problems
- ▶ All 4 ports of each amplifier are padded to provide unity gain to each output port
- ▶ Best performance obtained with digital signal output levels near +30 dBmV
- ▶ Full front panel access to SXP pads
- ▶ AC powered and includes an internal rectifier, voltage regulator, & utilizes a Class II UL approved power transformer



QISO/R75-32 (front view)



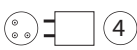
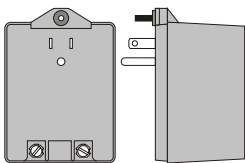
QISO/R75-32 (rear view)

### QISO/R75-32 Specifications

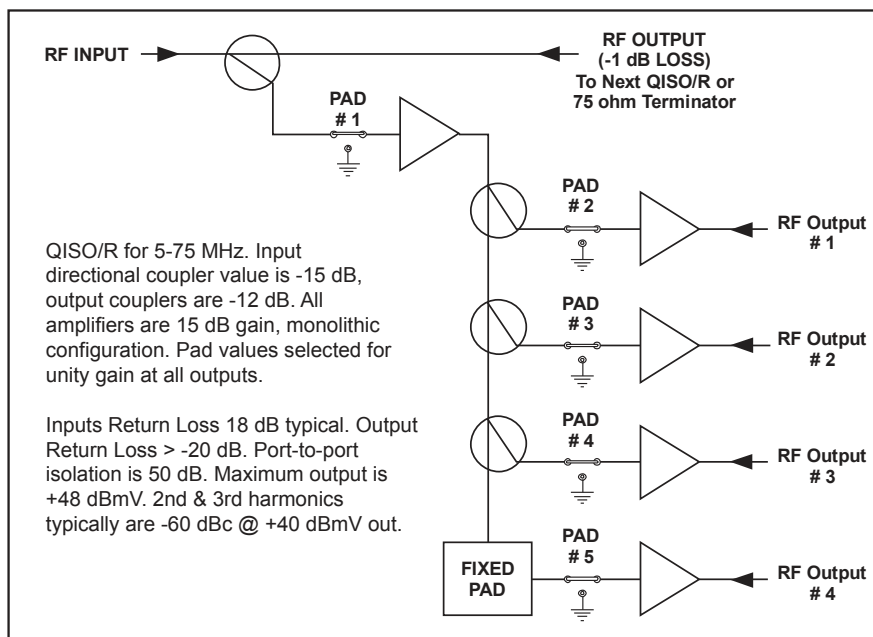
SPECIFICATIONS	QISO/R75-32
OPERATING TEMPERATURE	0°C to +50°C (+32°F to +122°F)
HUMIDITY	20%-55% (without condensation)
DIMENSIONS	5.25"H x 19.0"W x 1.6"D (13.34H x 48.26W x 4.06D cm)
WEIGHT	8.0 lbs (3.6 kg)

## QISO/R75-32 Return Path Headend Isolation Amplifier:

### Ordering Information

Part Number	Description
QISO/R75-32/AC	75 MHz, 32 Outputs, AC
<b>Options &amp; Spares</b>	
SXP-**	Plug-in Attenuator Pads, ** = 0-20 dB in 1 dB steps
SXP Pads 	
#951	120 Volts to 26 Volts, 60 Hz AC Power Transformer, 50 VA Rating (included)
#951 Transformer 	

### Functional Schematic



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Specifications subject to change without notice.

