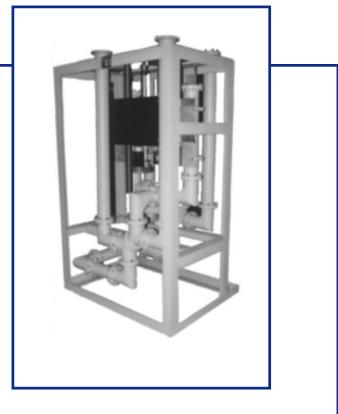


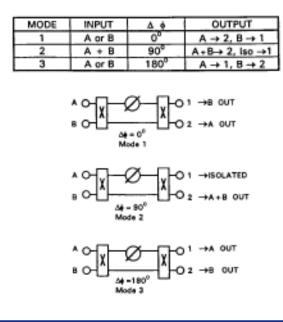
UHF COAX SWITCHLESS COMBINER

- Ideal for Main/Standby
- Switches under Tx power
- No loss of on air signal
- Compact Size
- Microprocessor Control
- Quick Installation

MCI's Coax switchless combiner is designed to combine two similar transmitters into a single output. This proven design consists of quadrature hybrids and a single ended phase shifter. MCI's switchless combiner allows the broadcaster to switch between either of two transmitter systems. All mode switching is done without shutting down the transmitters. Mode switching is controlled with MCI's "Micro Switcher". This controller eliminates complex relays found in many controllers. The compact, unitized design simplifies installation. Coax feeds between transmitter outputs and test load connections are all that is required for setup. The stand alone system can be positioned easily within the transmitter building.



MODE CHART





Micro Communications, Inc.

SPECIFICATIONS		
VSWR:	1.08:1 over channel	
Frequency:	UHF band specify channel	
Insertion Loss:	0.20 dB max (0.10 dB typical)	
Rejection:	see plot	
Isolation:	-30 dB or more	
Impedance:		
Connections:	standard EIA coax	

		UHF
FREQUENCY	(MHz)	470-860
MODEL MAX POWER (comb CONNECTORS SIZE	in (cm)	50554 50 kW 4 1/16 47 x 35 x 78 (120 x 89 x 198)
WEIGHT	lbs (kg)	550 (250)
MODEL MAX POWER (comb CONNECTORS SIZE WEIGHT	ined out) in (cm) Ibs (kg)	50553 30 kW 3 1/8 47 x 35 x 78 (120 x 89 x 198) 550 (250)
MODEL MAX POWER (comb CONNECTORS SIZE WEIGHT	ined out) in (cm) Ibs (kg)	50552 10 kW 1 5/8 40x32x72 (102x62x183) 350 (158)

All specifications are subject to change without notice.

Options available:

Wattmeter Couplers Fine Matches Test Load



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