

MAXNET® II Platinum Series

RF & Optical Signal Management

Patented
U.S.# 7,142,414



Passive Products

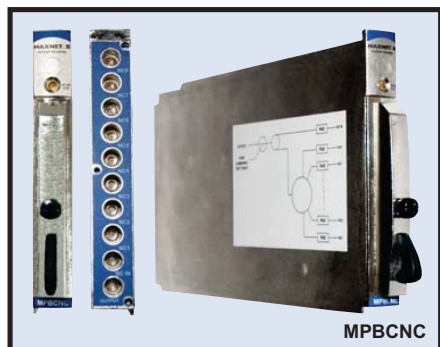
3RU Active Chassis
(front view)

Broadcast/Narrowcast Combiner:

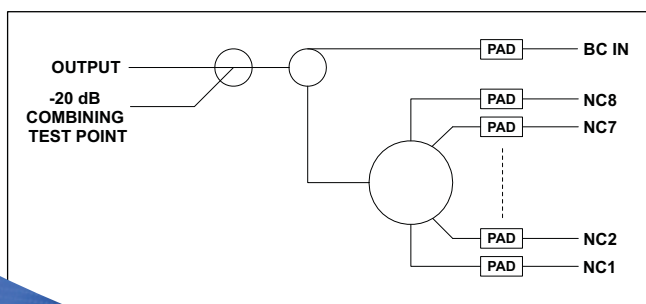
- ▶ Integrated 2-way Broadcast combiner & 8-way Narrowcast combiner
- ▶ Up to 24 MPBCNCs will fit into any 3RU MAXNET® II passive/active chassis (MP3B*)
- ▶ Ultra dense form factor results in > 200% rack space savings
- ▶ Broadcast & Narrowcast combining for up to 24 transmitters in 3RU, > 250% rack space savings over legacy solutions
- ▶ Front access -20 dB combiner test point
- ▶ Front access to plug-in locations for pads/EQs
- ▶ High performance MCX connector receptacles
- ▶ 5-1000 MHz operation
- ▶ Optimized RF performance



Broadcast/Narrowcast Combiner Specifications



Functional Schematic



SPECIFICATIONS		
MEASUREMENT	FREQUENCY	QA (dB)
INSERTION LOSS BC PORT	5-550 MHz	5.0 +/- 0.5
	550-750 MHz	5.0 +/- 0.6
	750-860 MHz	5.0 +/- 0.8
	860-1000 MHz	5.0 +/- 1.0
INSERTION LOSS NC PORTS	5-550 MHz	16.5 +/- 0.5
	550-750 MHz	16.5 +/- 0.6
	750-860 MHz	16.5 +/- 0.8
	860-1000 MHz	16.5 +/- 1.0
TEST PORT LOSS	5-550 MHz	20.0 +/- 0.5
	550-750 MHz	20.0 +/- 0.6
	750-860 MHz	20.0 +/- 0.8
	860-1000 MHz	20.0 +/- 1.0
ISOLATION (Min) PORT-PORT	5-1000 MHz	30
RETURN LOSS (Min)	5-1000 MHz	20
RFI (Min)	5-1000 MHz	100

Ordering Information

Part Number	Description
MPBCNC	Broadcast/Narrowcast Combiner

Specifications subject to change without notice