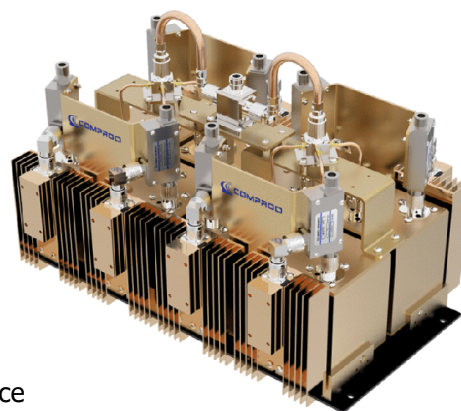


## CERAMIC COMBINER

764-776, 851-869 & 935-941 MHz

### Star Junction Ceramic Combiner

Comprod's Ceramic Combiner uses dielectric resonator technology to offer higher performance than standard RF cavities in a much smaller package. It combines 8 channels in only 8.5" of standard 19" rack space. The resonator allows combining of transmitters at a frequency spacing as close as 150 KHz. Lower insertion loss per channel is another result of the sharper filtering performance. Expandable in individual channel increments. Available in Star or X-Pass (expandable) configuration.



- Available for the 764-776, 851-869 and 935-941 MHz bands
- Designed for tight channel spacing
- Lowest insertion loss, high isolation for maximum coverage and reduced interference
- Star Configuration
- Compact, robust design for rapid installations, increased mobility and ease of maintenance

### Electrical Specifications

Frequency Range, MHz	764-776, 851-869 & 935-941
Frequency Spacing, Min.	150 KHz
Temperature Range, °C	-35 to +60
TX to TX Isolation at Minimum Frequency Spacing of 150 KHz	65 dB min (double junction isolator)
ANT to TX Isolation	60 dB min (double junction isolator)
Insertion Loss	1.8 dB – 4 ch. at 500 KHz 2.5 dB – 16 ch. at 500 KHz 3.8 dB – 24 ch. at 500 KHz
Power Input / Channel (Watts)	125
Transmitter Input VSWR (max)	1.25:1

### Mechanical Specifications

Dimensions (HWD), in (mm)	14 x 8.5 x 19 (356 x 216 x 483)
Weight, lb (kg)	8 Channel system 62.17 (28.2)

