

BRS-EBS (MMDS) Channel Combiners

The 11750 series of channel combiners can be used for digital or analog transmit applications and offers the following features :

- 64/256 QAM or NTSC/PAL Compatibility
- Copper Construction provides :
 - Extremely Low Loss
 - Optimum Delay performance
 - Excellent Temperature Stability
- Non-Adjacent or Adjacent* Channel Combining
- Available in Single or Multiple Channel Configurations
- Manual or Automatic Shutters Option
 { for agile transmit capability at the broadband input }
- Custom configurations available upon request



* Requires additional components.

General Specifications For a 4 Channel Combiner:

Frequency Range	2300 – 2900 MHz	2300 – 2900 MHz
Channel Bandwidth	6 MHz	8 MHz
Insertion Loss	< 0.9 dB	< 1 dB
Return Loss	21dB Min	21dB Min
Delay Variation	< 20 ns (± 10 nS)	< 40 ns (± 20 nS)
Mutual Isolation	> 30 dB ; 35 dB Typ	> 30 dB
Directivity	20 dB Typ	20 dB Typ
Power Rating (per channel)	250 Watts Max	250 Watts Max
Interface (TX Input)	N Female	N Female
Interface (Mainline)	CPR 340	CPR 340
Temperature Stability	43 kHz / °C	43 kHz / °C