

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

** See Page 36 for BRS-EBS channels allocation **



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