



## MXA-8 8 Way Non-Loss Combiner Specification

| Model                            | MXA-8                             |
|----------------------------------|-----------------------------------|
| TECHNOLOGY                       | HYBRID GaAs IC                    |
| INPUT NUMBER                     | 8 WAY                             |
| BROAD BAND                       | 46~860 MHz                        |
| INSERTION LOSS                   | 0 dB                              |
| RESPONSE FLATNESS                | ±0.5dB                            |
| ISOLATION (INPUT TO INPUT)       | 20 dB                             |
| INPUT LEVEL                      | (90 to 100) dBuV                  |
| RETURN LOSS ( 75-ohm REF.)       | 16dB                              |
| RATED OUTPUT LEVELS              | 104dB                             |
| RATED SIGNAL LEVEL<br>DISTORTION | 112 chs flat 104dBuV (46/860 MHz) |
| CROSS MODULATION                 | 65dB                              |
| COMPOSITE SECOND ORDER           | 59dB                              |
| COMPOSITE TRIPLE BEAT            | 64dB                              |
| INPUT/OUTPUT IMPEDANCES          | 75Ω                               |
| POWER REQUIREMENTS               | 90~260VAC                         |
| POWER CONSUMPTION                | 10 WATT                           |
| POWER FREQUENCY                  | 50Hz/60Hz                         |
| INTERNAL CIRCUIT VOLTAGE         | DC 24V ±0.5V                      |
| HOUSING DESIGN                   | 19 inch / 1U rack mount           |
| DIMENSION                        | 7.9"DX19"W,1.8"H                  |
| WEIGHT                           | 2.4 Kg                            |
| OPERATING TEMPERATURE<br>RANGE   | 0 to +50 °C (+32 to +122 °F)      |

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