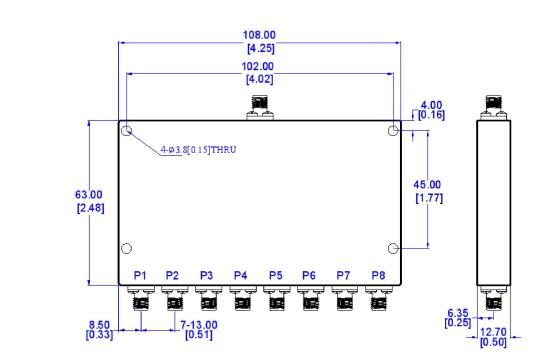


## Technical Data Sheet

## Power Divider SMA Jack 8 Way

## PD8-A2-2-8G\_A



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

## Interface

| Interface  |                                   |                     |  |   |      |
|--|-----------------------------------|---------------------|--|---|------|
| According to   | MIL-C-39012;MIL-STD-348A/310      |                     |  |   |      |
| Electrical Data  |                                   |                     |  |   |      |
| Impedance  | SMA 50 $\Omega$ / SMA 50 $\Omega$ |                     |  |   |      |
| Frequency  | DC 2 to 8 GHz                     |                     |  |   |      |
| Input VSWR   | ≤ ].5                             |                     |  |   |      |
| Output VSWR  | ≤ ].3                             |                     |  |   |      |
| Insertion loss (dB)  | ≤ 1.5                             |                     |  |   |      |
| Amp. Balance (dB)  | ≤ ].0                             |                     |  |   |      |
| Phase Balance (deg)  | ≤ 10                              |                     |  |   |      |
| Isolation (dB)   | ≥ 18                              |                     |  |   |      |
| CW Power(W)  | ≤ 20                              |                     |  |   |      |
| Peak Power(KW)   | ≤ 0.2                             |                     |  |   |      |
| Mechanical Data  | 1                                 |                     |  |   |      |
|  |                                   |                     |  |   |      |
| Input Connector  | SMA Jack                          |                     |  |   |      |
| Output Connector   | SMA Jack                          |                     |  |   |      |
| L*W*H (mm)   | 108*63*12.7                       |                     |  |   |      |
| Weight   | N/A                               |                     |  |   |      |
| Surface  | Paint Black                       |                     |  |   |      |
| Environmental Data   | 1                                 |                     |  |   |      |
| Temperature range  | -40°C to +70°C                    |                     |  |   |      |
| RoHS   | compliant                         |                     |  |   |      |
|  | •                                 |                     |  |   |      |
| Packing  |                                   |                     |  |   |      |
|  | Single or                         | 100                 |  |   |      |
|  |                                   | 1                   | 1  | 1 |      |
| The facts and figures herein are carefully compiled to the best of our<br>knowledge, but they are intended for general informational purposes only<br>In the effort to improve our products, we reserve the right to make changes<br>judged to be necessary. |                                   |                     | Rosnol RF/Microwave Technology               |   | Page |
|  |                                   |                     |  |   |      |
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|  |                                   |                     | 107.1000-0-400-0702                          |   |      |