

Product: 12~26.5GHz 16 Way power divider

Part Number: LPD-12/26.5-16S



| Specification |                             |                          |         |         |       |
|---------------|-----------------------------|--------------------------|---------|---------|-------|
| No.           | Parameter                   | Minimum                  | Typical | Maximum | Units |
| 1             | Frequency range             | 12                       | -       | 26.5    | GHz   |
| 2             | Insertion Loss              |                          | -       | 4.9     | dB    |
| 3             | Phase Balance:              |                          | -       | ±9      | dB    |
| 4             | Amplitude Balance           |                          | -       | ±0.9    | dB    |
| 5             | Isolation                   |                          |         | 16      | dB    |
| 6             | VSWR                        |                          | -       | 1.8     | -     |
| 7             | Power                       |                          |         | 10      | W cw  |
| 8             | Operating Temperature Range | -40                      | -       | +85     | °C    |
| 9             | Impedance                   | -                        | 50      | -       | Ω     |
| 10            | Connector                   | SMA                      |         |         |       |
| 11            | Preferred finish            | Black/Sliver/yellow/blue |         |         |       |

**Remarks:**

1. Not include Theoretical loss 12db
2. Power rating is for load vswr better than 1.20:1

| Environmental Specifications |   |
|------------------------------|---|
| Operational Temperature      | -40°C~+85°C   |
| Storage Temperature          | -50°C~+105°C  |
| Vibration                    | 25gRMS (15 degrees 2KHz) endurance, 1 hour per axis   |
| Humidity                     | 100% RH at 35°C, 95%RH at 40°C                        |
| Shock                        | 20G for 11msec half sine wave, 3 axis both directions |
| Mechanical Specifications    |   |
| Housing                      | Aluminum  |
| Connector                    | Passivated or stainless steel                         |
| Female Contact:              | gold plated beryllium brass                           |
| Rohs                         | compliant   |
| Weight                       | 0.4kg   |

Outline Drawing:

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Add: 中国 成都市成华区华翰路 89 号 610000

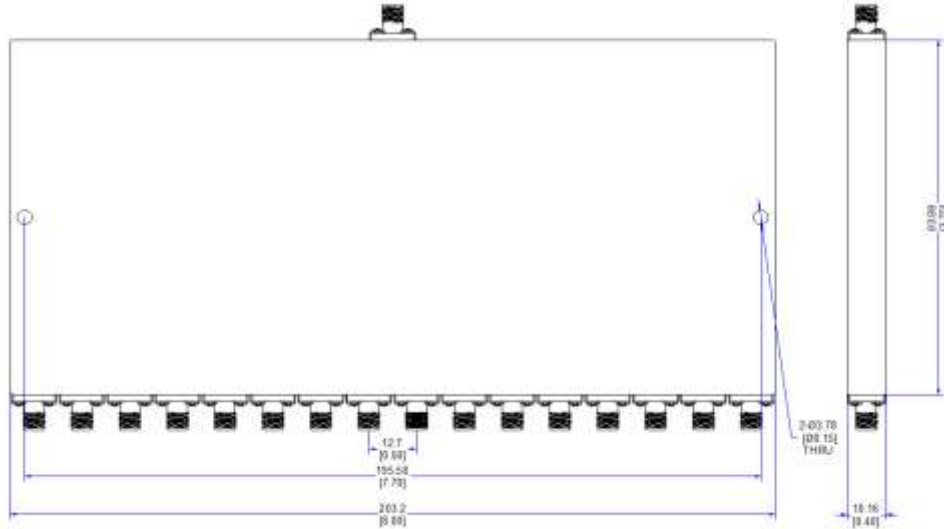
No.89,Huahan Road, chenghua Zone Chengdu, Sichuan China Zip Code:610000

All Dimensions in mm

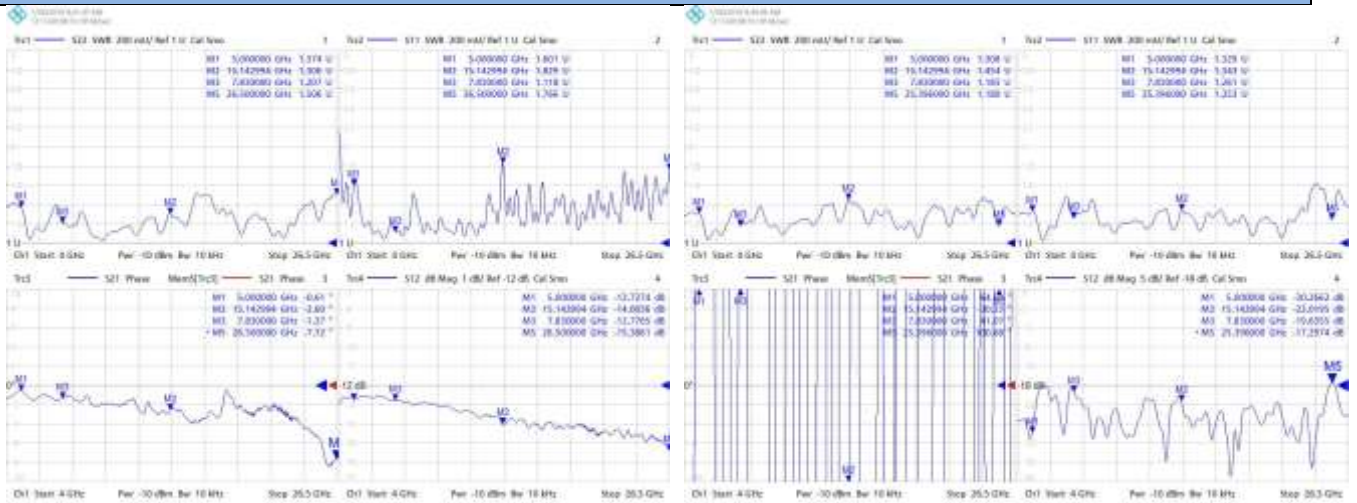
Outline Tolerances  $\pm 0.5(0.02)$

Mounting Holes Tolerances  $\pm 0.2(0.008)$

All Connectors: SMA-Female



## TEST DATA



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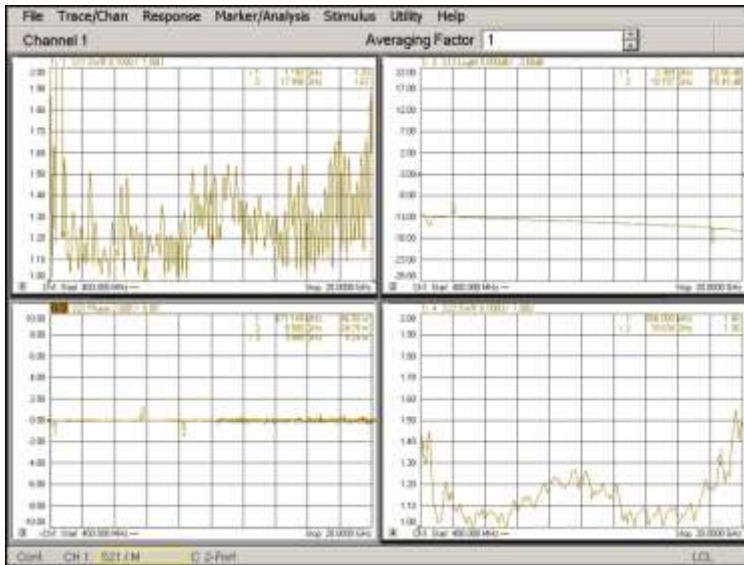
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