



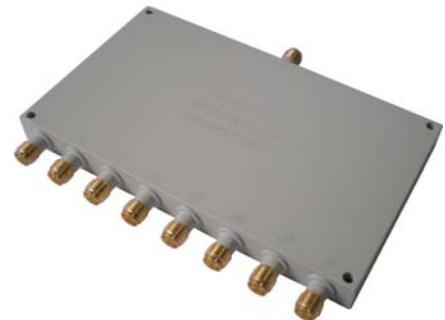
# 8-WAY WIDE BAND POWER DIVIDER MPD020180S8L

## FEATURE

- Operating Frequency:0.5~18GHz
- Stable Performance and High Reliability
- High Isolation
- Low Insertion Loss
- Small Phase&Amplitude Errors
- Operating Temperature:-55~+85°C

## APPLICATIONS

- Communication system
- Radar&Warfare system
- Test Equipment



## ELECTRICAL SPECIFICATIONS@25°C:

| Parameter                 | Min | Typical | Max   | Units  |
|---------------------------|-----|---------|-------|--------|
| Frequency Range           | 2   |         | 18    | GHz    |
| Isolation                 | 15  |         |       | dB     |
| Insertion Loss            |     |         | 3.5   | dB     |
| VSWR                      |     |         | 1.9:1 | Ratio  |
| Phase Balance             |     |         | ±10   | degree |
| Amplitude Balance         |     |         | ±0.8  | dB     |
| Power Handling(Forward)   |     |         | 10    | Watt   |
| Power Handling(Reversed ) |     |         | 1     | Watt   |

## ENVIRONMENTAL RATINGS:

| Parameter                          | Min   | Typical | Max   | Units |
|------------------------------------|-------|---------|-------|-------|
| Operating Temperature              | -40   |         | +85   | °C    |
| Non-operating Temperature          | -55   |         | 125   | °C    |
| Relative humidity (non-condensing) |       | 95      |       | %     |
| Altitude (MIL-STD-810F)            | 10000 |         | 30000 | feet  |
| Shock / Vibration (MIL-STD-810F)   |       | Airbone |       |       |

## MECHANICAL SPECIFICATIONS:

| Parameter            | Value       | Limits | Units      |
|----------------------|-------------|--------|------------|
| Dimensions           | 148.5*95*10 | Max    | Millimeter |
| Weight               | 80          | Max    | gram       |
| RF Connectors Input  | SMA-F       |        |            |
| RF Connectors output | SMA-F       |        |            |
| Impedance            | 50          |        | ohms       |



# 4-WAY WIDE BAND POWER DIVIDER MPD020180S8L

## OUTLINE DRAWING(mm):

