

QSDC-26500-67000-12

26.5~67GHz, 12W

Features:
 * Broadband
 * Low Insertion Loss

Applications:
 * Amplifiers
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

| | |
|--------------------|--------------------------------|
| Frequency: | 26.5~67GHz |
| Directivity: | 7dB min. |
| Coupling Flatness: | ±1dB max. ±1.1dB max. @30dB |
| Impedance: | 50Ω |
| Average Power: | 12W CW max. |
| Peak Power: | 1000W max. |

| Coupling (dB) | Insertion Loss (dB max.) | VSWR (max.) |
|---------------|--------------------------|-------------|
| 10±1 | 2.5 | 1.9 |
| 13±1 | 2.3 | 1.9 |
| 16±1 | 2.2 | 1.9 |
| 20±1 | 2.0 | 1.9 |
| 30±1.1 | 2.0 | 1.9 |

Mechanical

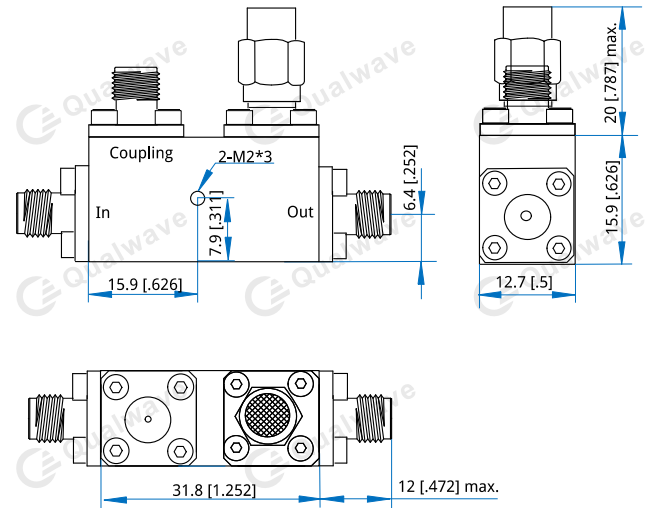
| | |
|----------------------|---------------------------------------|
| Size ^{*1} : | 31.8*15.9*12.7mm 1.252*0.626*0.5in |
| Connectors: | 1.85mm Female |
| Mounting: | 2-M2*3 |

[1] Exclude connectors and terminations.

Environmental

| | |
|----------------------------|------------|
| Operation Temperature: | -55~+85°C |
| Non-operation Temperature: | -55~+100°C |

Outline Drawings



Unit: mm [in]

Tolerance: .x±0.5mm [±0.02in], .xx±0.1mm [±0.004in]

How To Order

QSDC-26500-67000-12-X-Y

X: Coupling (10, 13, 16, 20, 30dB)

Y: Connector type

Connector naming rules:

V - 1.85mm Female

Examples:

To order a single directional coupler, 26.5~67GHz, 12W, 20dB, 1.85mm Female, specify QSDC-26500-67000-12-20-V.

Customization is available upon request.