

Wideband Power Splitter

PS-K2-OMD50M(XH)

PS-K3-OMD50M(XH)

PS-K4-OMD50M(XH)

2/3/4Way, Low PIM(-153dBc), 555-2700MHz, 4.3-10 Female, 50W

- Wilkinson power splitter
- Wideband design covering 555-2700MHz
- Suitable for indoor/outdoor environment
- High reliability and low insertion loss



Electrical Specification

| Product Model | PS-K2-OMD50M(XH) 2-Way | PS-K3-OMD50M(XH) 3-Way | PS-K4-OMD50M(XH) 4-Way |
|------------------------|---|---|---|
| Frequency (MHz) | | 555-2700 | |
| Split Loss (dB) | 3.0 | 4.8 | 6.0 |
| Insertion Loss (dB) | ≤ 0.4 | ≤ 0.7 | ≤ 0.8 |
| Isolation (dB) | ≥ 20 | ≥ 18 | ≥ 20@555-2700MHz ≥ 18@2500-2700MHz |
| VSWR @ all ports | ≤ 1.25 @555-698MHz ≤ 1.25 @698-2700MHz | ≤ 1.35 @555-698MHz ≤ 1.35 @698-2700MHz | ≤ 1.30 @555-698MHz ≤ 1.30 @698-2700MHz |
| PIM (dBc) | | ≤ -153 @ 2 x 43dBm | |
| Average Power, max (W) | | 50 | |
| Impedance (ohm) | | 50 | |

Mechanical Specification

| Dimension (in/mm) | PS-K2-OMD50M(XH) | PS-K3-OMD50M(XH) | PS-K4-OMD50M(XH) |
|----------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Weight (lb./kg) | 1.04 / 0.47 | 2.36 / 1.07 | 2.36 / 1.07 |
| Shipping Dimension (in/mm) | 6.22x5.04x1.50 / 158.0x128.0x38.0 | 7.87x6.61x1.50 / 200.0x168.0x38.0 | 7.87x6.61x1.50 / 200.0x168.0x38.0 |
| Shipping Weight (lb./kg) | 1.10 / 0.50 | 2.45 / 1.11 | 2.45 / 1.11 |
| Connector Type | 4.3-10 Female | 4.3-10 Female | 4.3-10 Female |

Environment & Compliance

| | | | |
|-------------|------------------|-----------------------|----------------|
| Application | Indoor / Outdoor | Operating Temperature | -25°C to +85°C |
| Environment | IP65 | Relative Humidity | Up to 95% |
| RoHS | Compliant | | |

Outline Drawing

