

Product Data Sheet



RK24EWIFIDBI-2

Cambium Radio Reflector Dish 23" Metal Mount

- Compatible with Cambium PMP100, 430, and 450 Radios
- Improves performance and range in LOS and NLOS
- Easy installation and robust design, ROHS compliant

Electrical Specification

| Frequency Band | GHz | 2 | 3 | 5 |
|--------------------------------|--------|--------------|--------------|--------------|
| Reflector (External Gain) | dBi | 12±0.5 | 13±0.5 | 15±0.5 |
| Total Gain (Radio + Reflector) | dBi | 19±0.5 | 21±0.5 | 25±0.5 |
| Polarization | | Slant or H/V | Slant or H/V | Slant or H/V |
| Horizontal HPBW | Degree | 12 | 9 | 6 |
| Vertical HPBW | Degree | 15 | 12 | 9 |
| Front to Back Ratio | dB | 22 | 24 | 25 |

Mechanical Specifications

| | |
|----------------------|--|
| Electrical Grounding | Reflector grounded to mounting bracket |
| Surface Finish | UV resistant matt powder coat |
| Wind Load, frontal | 340N @ 140km/h 76 lbf @ 87mph |
| Max. Wind Speed | 160km/h 100mph |
| Mounting Type | J-Arm mount in kit |

Reflector Dimensions

| | |
|---------------------------|----------------|
| Length | 584 mm 23 in |
| Width | 457 mm 18 in |
| Height | 635 mm 25 in |
| Net Weight, with brackets | 4 kg 9 lb |