



Fabricated from spiral wound silver plated bronze strip. Includes pressure tight (15 psig) protective neoprene jacket. Allowable twist is 100°/ft for WR75 to 45°/ft. for WR229. Includes mounting hardware for one flange connection except, in cases where flanges are different



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Technical features

STRUCTURE

| | | |
|---|--|---------------|
| Type of Rectangular Waveguide Component | | TwistFlex |
| Waveguide Size IEC (EIA) | | R70 (WR137) |
| Flange A | | CPR137G |
| Flange B | | CPR137G |
| Flange Finish | | Brass Iridite |
| Package Quantity | | 1 |

ELECTRICAL SPECIFICATIONS

| | | |
|---------------------------------|-----------|-------------|
| Frequency Range | GHz | 5.9 - 7.75 |
| Minimum Return Loss (max. VSWR) | dB (VSWR) | 26.4 (1.10) |
| Attenuation | dB | 0.24 |
| Power rating | W | 2000 |

MECHANICAL SPECIFICATIONS

| | | |
|--------------------------------|----------------------|-----------|
| Maximum Twist | degree/m (degree/ft) | 210 (64) |
| Minimum Bending Radius E-Plane | mm (in) | 102 (4) |
| Minimum Bending Radius H-Plane | mm (in) | 204 (8) |
| Length | mm (in) | 1219 (48) |

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