PRODUCT DATASHEET

**TF137-CC1-060I**

TwistFlex 60" (1.5 M)-CPR137G

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

FEATURES / BENEFITS



## 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 | 5.925 - 7.125 |
| **Minimum Return Loss (max. VSWR)** | dB (VSWR) | 26.4 (1.10) |
| **Attenuation** | dB | 0.54 |
| **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) | 1524 (60) |

External Document Links

Notes



All values nominal unless tolerances provided; information contained in the present datasheet is subject to confirmation at time of ordering