Waveguide phase shifter
A wide variety of low power waveguide phase shifters and high power waveguide phase shifters to meet your design specifications

Feature:
-Stable performance -Low VSWR
Application:
Sat Com/Aerospace/Radar/ISM/SNG & Uplink
- Other
Technical Specifications:
Phase shift (°) 0~360 VSWR (dB) 1.5(Max) Band with 10%-20%

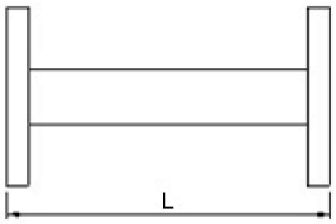
Mechanical Specifications:
Material Al/Cu

Enviromental Specifations:

Operating Temperature -55~+85

Types:

Outline Drawing:




Model List :

| Waveguide | | | Frequency Range (GHz) | VSWR Max. | Bandwith | Insertion Loss(dB) | Phase shift(°) | Material |
|---|---|---|---|---|---|---|---|---|
| E.I.A. | IEC | UK | | | | | | |
| WR10 | WG27 | R900 | 73.8-112 | 1.5 | 10%-20% | 0.5 | 0~360 | Cu |
| WR12 | WG26 | R740 | 60.5-91.9 | 1.5 | 10%-20% | 0.5 | 0~360 | Cu |
| WR15 | WG25 | R620 | 49.8-75.8 | 1.5 | 10%-20% | 0.5 | 0~360 | Cu |
| WR19 | WG24 | R500 | 39.2-59.6 | 1.5 | 10%-20% | 0.5 | 0~360 | Cu |
| WR22 | WG23 | R400 | 32.9-50.1 | 1.5 | 10%-20% | 0.5 | 0~360 | Cu |
| WR28 | WG22 | R320 | 26.5-40.0 | 1.35 | 10%-20% | 0.5 | 0~360 | Al/Cu |
| WR34 | WG21 | R260 | 21.7-33.0 | 1.3 | 10%-20% | 0.5 | 0~360 | Al/Cu |
| WR42 | WG20 | R220 | 17.6-26.7 | 1.3 | 10%-20% | 0.5 | 0~360 | Al/Cu |
| WR51 | WG19 | R180 | 14.5-22.0 | 1.25 | 10%-20% | 0.5 | 0~360 | Al/Cu |
| WR62 | WG18 | R140 | 11.9-18.0 | 1.2 | 10%-20% | 0.5 | 0~360 | Al/Cu |
| WR75 | WG17 | R120 | 9.84-15.0 | 1.2 | 10%-20% | 0.5 | 0~360 | Al/Cu |
| WR90 | WG16 | R100 | 8.20-12.5 | 1.2 | 10%-20% | 0.5 | 0~360 | Al/Cu |
| WR112 | WG15 | R84 | 6.57-9.99 | 1.2 | 10%-20% | 0.5 | 0~360 | Al/Cu |
| WR137 | WG14 | R70 | 5.38-8.17 | 1.2 | 10%-20% | 0.5 | 0~360 | Al/Cu |
| WR159 | WG13 | R58 | 4.64-7.05 | 1.2 | 10%-20% | 0.5 | 0~360 | Al/Cu |
| WR187 | WG12 | R48 | 3.94-5.99 | 1.2 | 10%-20% | 0.5 | 0~360 | Al/Cu |
| WR229 | WG11 | R40 | 3.22-4.90 | 1.2 | 10%-20% | 0.5 | 0~360 | Al/Cu |
| WR284 | WG10 | R32 | 2.60-3.95 | 1.2 | 10%-20% | 0.5 | 0~360 | Al/Cu |

Test curve :

Note :

You could choice Flange type

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