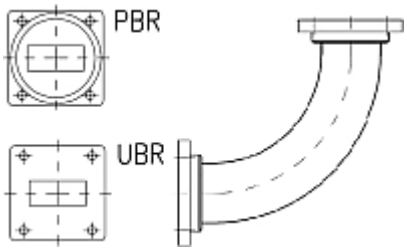
PRODUCT DATASHEET

HB100-CC-1-W-010M

90° H Plane Bend CPR90G/CPR90G

Rectangular Waveguide R 100 H-Bend 90 degree,
flanges CPR90G/CPR90G, f= 8.20-12.50 GHz,
VSWR max 1.06, A=100mm (4in),
gasket and screw kit enclosure
body made out of brass or copper and flanges made out of brass



Picture only for illustration

FEATURES / BENEFITS

Waveguide installation

- The rectangular waveguide component provides simple installation in particular difficult cases
- It can be installed where less space is available
- It provides outstanding electrical performance

Technical features

STRUCTURE

Type of Rectangular Waveguide Component		Bend in H-Plane
Waveguide Size IEC (EIA)		R100 (WR90)
Flange A		CPR90G
Flange B		CPR90G
Flange Finish		Brass un-plated
Package Quantity		1

ELECTRICAL SPECIFICATIONS

Minimum Return Loss (max. VSWR)	dB (VSWR)	30.7 (1.06)

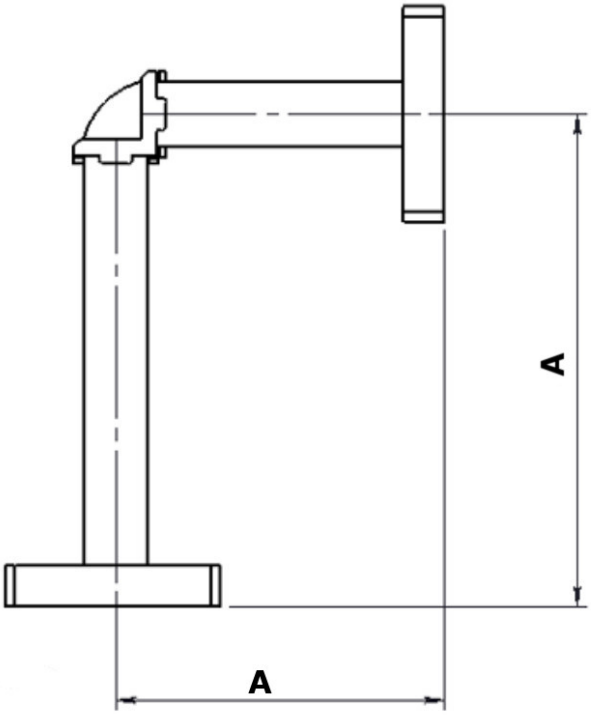
MECHANICAL SPECIFICATIONS

Bend/Twist	degree	90
Length	mm (in)	100 (4)

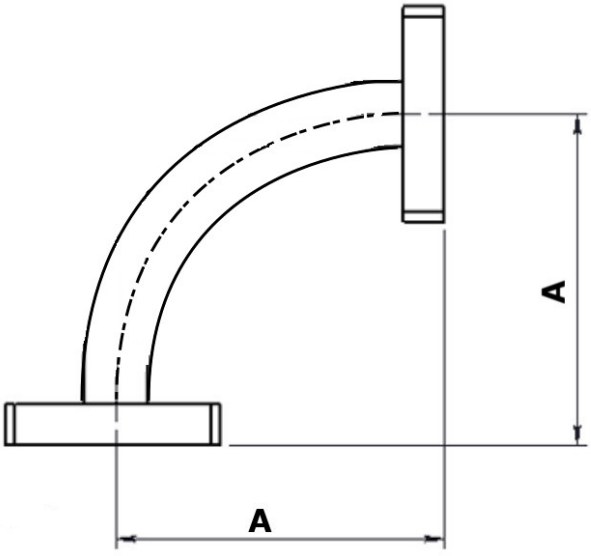
MATERIAL

Material		Brass
Color		White

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



Design with casted bend



Design with arcuate waveguide bend

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

External Document Links

Notes

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