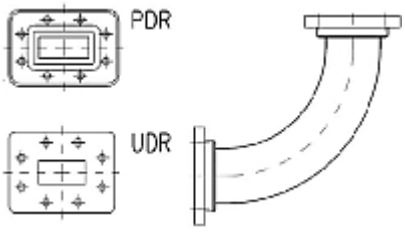
PRODUCT DATASHEET

HB100-DV-1-B

90° H Plane Bend PDR/UDR100

Rectangular Waveguide R 100 H-Bend 90 degree,
flanges PDR/UDR 100, f= 8.20-12.50 GHz,
VSWR max 1.06, A=75mm (2.9in),
gasket and screw kit enclosure
made 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		PDR100
Flange B		UDR100
Flange Finish		Brass un-plated
Package Quantity		1

ELECTRICAL SPECIFICATIONS

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

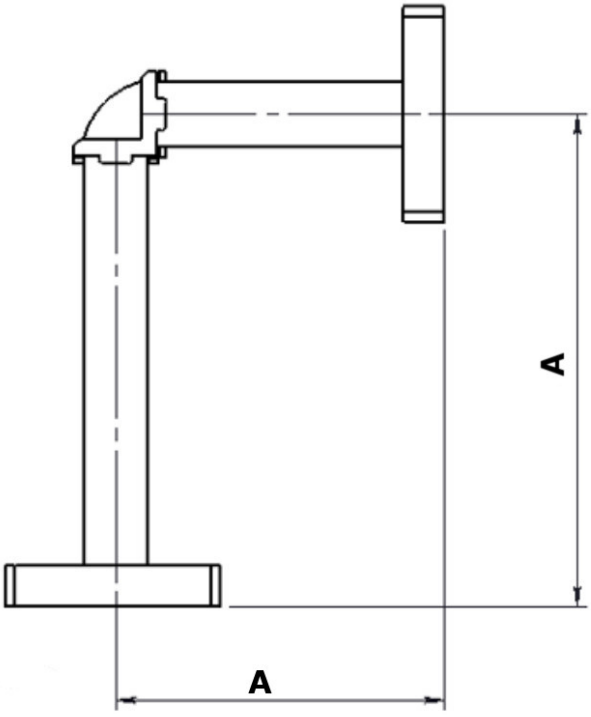
MECHANICAL SPECIFICATIONS

Bend/Twist	degree	90
Length	mm (in)	75 (2.9)

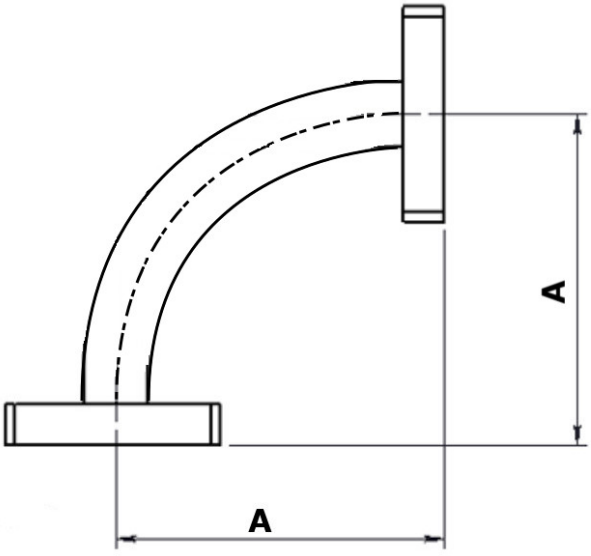
MATERIAL

Material		Brass
Color		Black

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

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