



2-Way Power Dividers/Combiners

NPD2-1100-1700

2-Way, 1.1~1.7GHz

Features:

- * Small Size
- * Low Insertion Loss

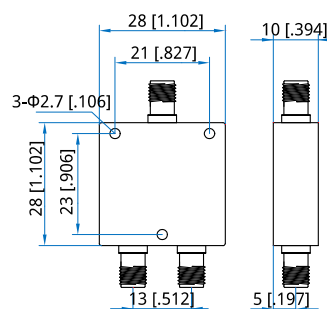
Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	1.1~1.7GHz
Insertion Loss:	0.3dB max. (SMA) 0.4dB max. (BNC)
Input VSWR:	1.2 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.2dB max.
Phase Balance:	$\pm 2^\circ$
Impedance:	50 Ω
Average Power:	30W max. 2W max. as combiner

Outline Drawings



Outline A

Mechanical

Mounting:	3-Φ2.7mm through-hole (SMA) 4-Φ4.4mm through-hole (BNC)
-----------	--

Environmental

Operation Temperature:	-35~+75°C
------------------------	-----------

How To Order

NPD2-1100-1700-X-Y

X: Average power as divider

Y: Connector type

Connector naming rules:

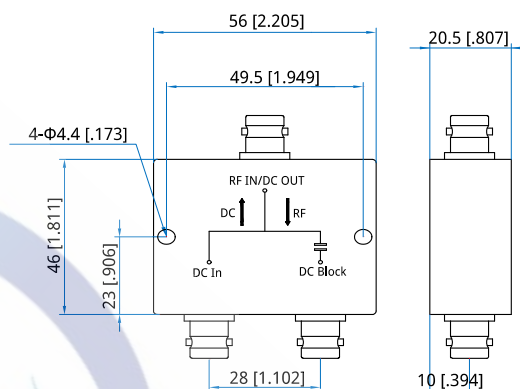
S - SMA Female (Outline A)

B - BNC Female (Outline B)

Examples:

To order a 2-way power divider, 1.1~1.7GHz, 30W, SMA female, specify NPD2-1100-1700-30-S.

Customization is available upon request.



Outline B

Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]