

NPD6-1000-1700

6-Way, 1~1.7GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

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

Electrical

Frequency:	1~1.7GHz
Insertion Loss:	1.0dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	±0.4dB max. (SMA) 0.4dB max. (N, TNC)
Phase Balance:	±5° max. (SMA) ±4° (N, TNC)
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

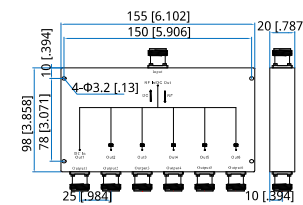
Mechanical

Mounting:	4-Φ2.8mm through-hole (SMA) 4-Φ3.2mm through-hole (N, TNC)
Power Supply Input:	Out1
Power Supply Output:	In

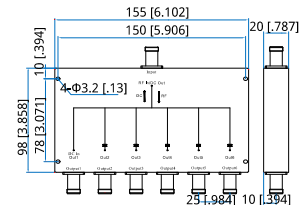
Environmental

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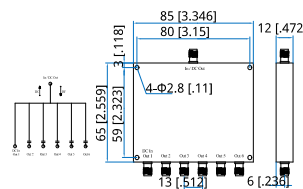
Outline Drawings



Outline A



Outline B



Outline C

Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

NPD6-1000-1700-X-Y

X: Average power as divider

Y: Connector type

Connector naming rules:

N - N Female (Outline A)

T - TNC Female (Outline B)

S - SMA Female (Outline C)

Examples:

To order a 6-way power divider, 1~1.7GHz, 30W, N female, specify NPD6-0100-1170-30-N.

Customization is available upon request.