

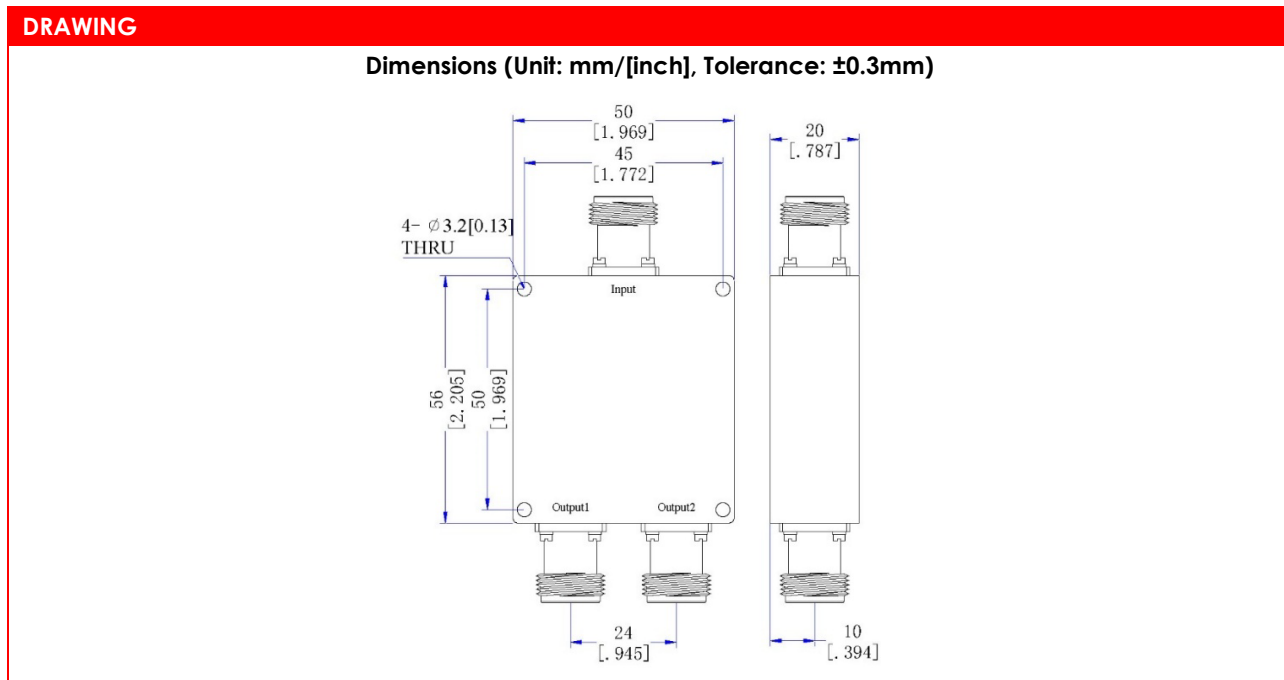
# 0.5 – 6 GHz, 30 W, 2-Way N-Type Power Divider

PWS-2N11-OR506-30

MECHANICAL SPECIFICATIONS		
Input/output interface	N	
Gender	Female	
Standard	MIL-STD-348A	
Number of output ports	2	
Weight	~172 g	
ELECTRICAL SPECIFICATIONS		
Impedance	50 Ω	
Frequency range	0.5 – 6 GHz	
Input VSWR	≤1.25	
Output VSWR	≤1.20	
Insertion loss	≤1.2 dB (excluding theoretical loss 3 dB)	
Isolation	>20 dB	
Amplitude balance	≤ ±0.2 dB	
Phase balance	≤ ±3°	
Input power (CW)	30 W (as divider) / 2 W (as combiner)	
MATERIAL SPECIFICATIONS		
COMPONENT	MATERIAL	FINISHING
Housing	Aluminium	Conductive oxidation
Connector body	Brass	Nickel
Connector center pin	BeCu	Gold
ENVIRONMENTAL SPECIFICATIONS		
Temperature range	-35 / +75 °C	
RoHS	Compliant (2011/65/EU   RoHS 3)	
REACH	Compliant (EC 1907/2006)	



- KEY FEATURES**
- Wideband RF operation
  - Excellent port-to-port balance and isolation
  - Robust, industrial-grade design
  - 1-year standard warranty



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