

# Power Divider/Combiner

## Model P02N005500 Rev.B

0.5-50GHz 2-Way Power Divider/Combiner, Coaxial connector



### Specifications

All specifications are subject to change without notice at any time

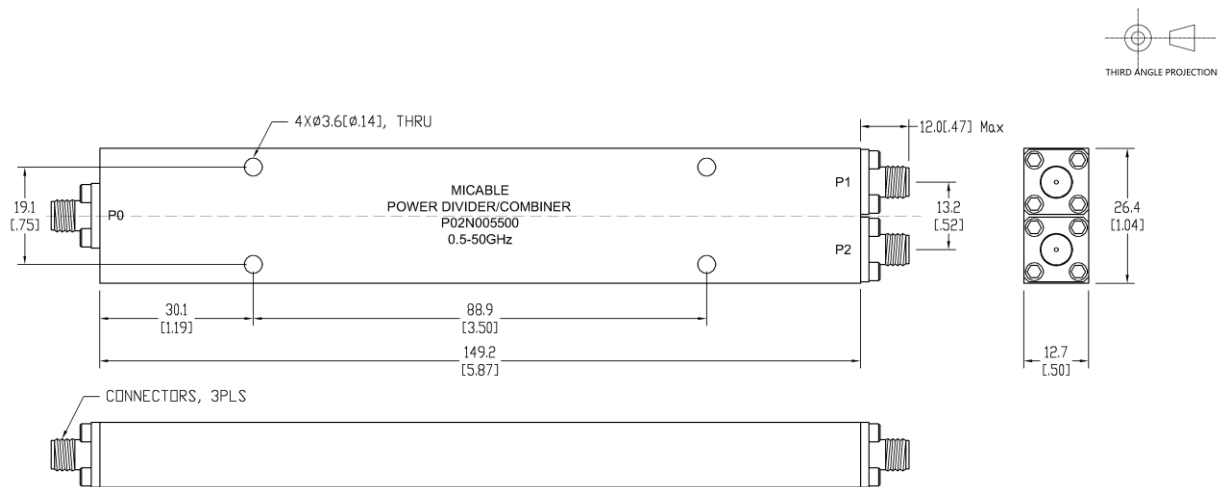
Frequency Range	GHz	0.5-18	18-40	40-50
Sum VSWR	:1 (Max.)	1.6	1.6	1.7
Distri. VSWR	:1 (Max.)	1.6	1.6	1.6
Insertion Loss <sup>1</sup>	dB(Max.)	2	3.4	3.9
Amp. Unbalance	dB(Max.)	±0.3	±0.4	±0.4
Phase Unbalance	Deg. (Max.)	±3	±5	±6
Isolation	dB(Min.)	16	18	18
Power <sup>2</sup>	W(Max.)	CW: FOR 20, REV 1; Peak: 1000		
Weight	g(Max.)	150	Dimension <sup>3</sup> mm (LxWxH)	149.2x26.4x12.7
Interface	Sum: 2.4mm [F], Distri.: 2.4mm [F]; Stainless steel connector, Per IEC 61169			
Finishing	Alloy iridite, Per MIL-DTL-5541F			
Temperature	Operating: -55~+85°C; Storage: -55~+100°C			
Environmental	Optional: Per MIL-STD-202F (contact supplier for detail info.)			
Eng. Customized	N/A			

Note: 1. Above Theoretical Loss 3dB

2. VSWR ≤1.2 required for forward CW; Amp. & phase unbalance required for reversed input signals

3. Unless otherwise specified, Decimal tolerance: x.±1; .x±0.5; .xx±0.1

### Outline Drawing



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### Typical Graph

Typical test environment: 25°C and 60%RH

