

Eight-ways Coaxial Power Divider

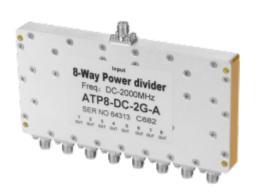
P/N: YX-PD8-DC-2G

Features

- It can realize the customized design scheme
- Excellent amplitude and phase consistency
- · Low loss and High isolation

Typical Applications

- Mobile communication field
- GSM,LTE,5G
- · Satellite radar, electronic countermeasures
- Test equipment



Electrical&Mechanical Specifications							
Parameter		Min.	Тур.	Max.	Units		
Frequency Range		DC		2	GHz		
Insertion Loss			17	18	dB		
Isolation		13	16)	dB		
Input VSWR			1.4	1.5	:1		
Output VSWR			1.4	1.5	: 1		
Amplito	ude Imbalance		±1.25	±1.5	dB		
Phas	e Imbalance		±6	±12	deg		
	Forward Power	2					
Power	Reverse Power					W	
Rating	Peak Power						
In	npedance	50				Ohms	
Weight		NA				Ounces	
Input / Output Connectors		S M A – Female					
Material		Aluminum					
	Finish	Oxidation sandblasting					



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Environmental Specifications				
Operational Temperature	-40°C~+85°C			
Storage Temperature	-50°C~+105°C			
	30,000 ft. (Epoxy Sealed Controlled environment)			
Altitude	60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment)			
	(Optional)			
Vibration	25gRMS (15 degrees 2KHz) endurance, 1 hour per axis			
Humidity	100% RH at 35°c, 95%RH at 40°c			
Shock	20G for 11msec half sine wave,3 axis both directions			

Outline Drawing:

All Dimensions in mm (inches)
Outline Tolerances $\pm 0.5(0.02)$ Mounting Holes Tolerances $\pm 0.2(0.008)$

