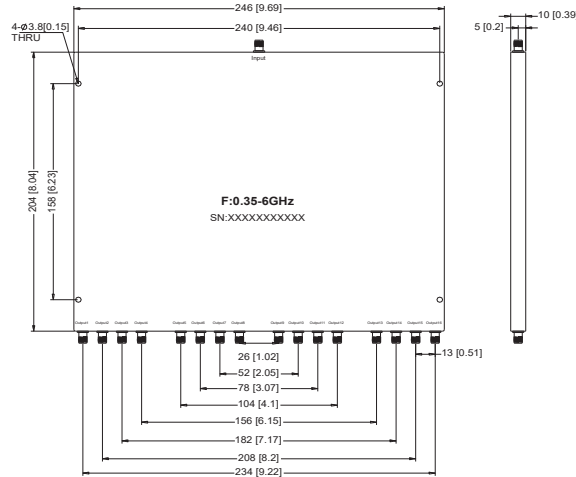


Coaxial 30W 0.35-6GHz 0° 16-Way Power Divider



Outline Drawing:

All Dimensions in mm (inches) Tolerance ±0.25(0.01)

Parameter	Min.	Typ.	Max.	Min.	Typ.	Max.	Units	
Frequency Range	0.35-0.5		0.5-6				GHz	
Nominal Splitter Loss		12			12		dB	
Insertion Loss		1.0	1.2		3.2	4.0	dB	
Isolation	13	16		18	20		dB	
Input VSWR		1.8	2.0		1.5	1.8	: 1	
Output VSWR		1.4	1.6		1.3	1.5	: 1	
Amplitude Imbalance		±0.3	±0.4		±0.5	±0.6	dB	
Phase Imbalance		±3	±5		±9	±10	deg	
Power Rating	Forward Power	30						W
	Reverse Power	2						W
	Peak Power	300						W
Impedance	50						Ohms	
Weight	37.74						ounces	
Input / Output Connectors	SMA-Female							
Material	Aluminum							
Finish	Gray Paint							

****Phase matching among 20sets: ±15 deg.**

****Amplitude matching among 20sets:± 0.8dB max.**

Environmental Specifications

Operational Temperature	-45°C~+85°C
Storage Temperature	-55°C~+125°C
Altitude	30,000 ft. (Epoxy Sealed Controlled environment)
	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 35c, 95%RH at 40°c
Shock	20G for 11msec half sine wave,3 axis both directions