

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	PRODUCTION		

COAXIAL 20W 2-40GHZ 0° 2-WAY POWER DIVIDER

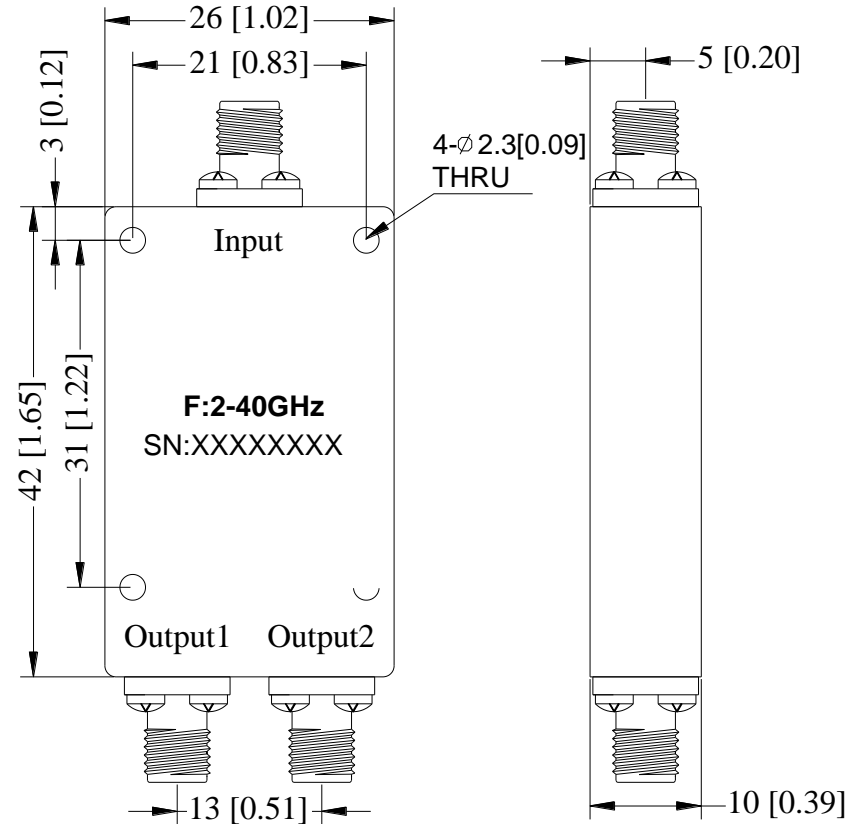
UCL-2PD240A-20S SPECIFICATIONS

ELECTRICAL

Parameters	Min.	Typ.	Max.	Min.	Typ.	Max.	Units
Frequency Range	2		18	18		40	GHz
Nominal Splitter Loss		3			3		dB
Insertion Loss		1.0	1.5		1.5	1.8	dB
Isolation	16	17		16	17		dB
Input VSWR		1.6	1.8		1.6	1.8	: 1
Output VSWR		1.4	1.5		1.4	1.5	: 1
Amplitude Imbalance		0.3	0.4		0.3	0.4	dB
Phase Imbalance		4	5		5	6	deg
Power Rating	Forward Power	20					W
	Reverse Power	0.5					W
	Peak Power	200					W
Impedance	50					Ohms	
Weight	1.35 Max.					Ounces	
Input / Output Connectors	2.92-Female (Stainless Steel)						
Material	Aluminum						
Finish	Gray Paint						

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 35°C, 95%RH at 40°C
Shock	20G for 11msec half sine wave, 3 axis both directions



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TITLE

COAXIAL 20W 2-40GHZ 0° 2-WAY POWER DIVIDER

SIZE

A

CAGE CODE

MODEL

UCL-2PD240A-20S

REV

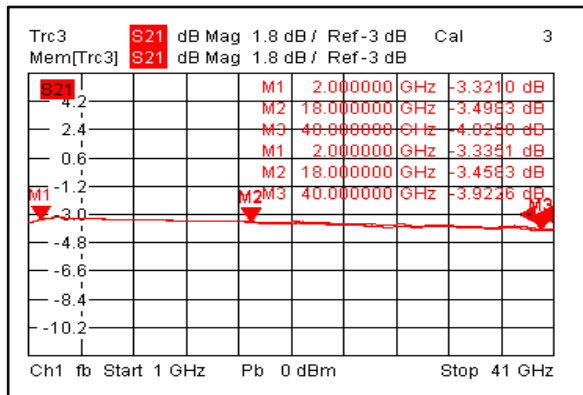
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SCALE 1:1

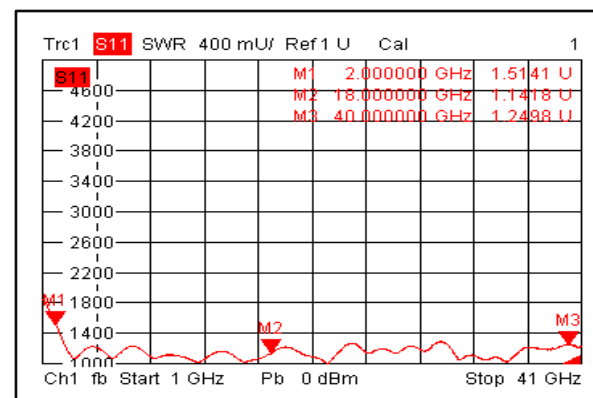
DOC FAMILY

SHEET 1 OF 2

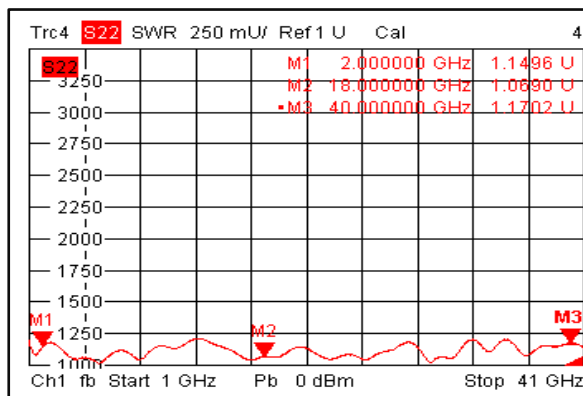
Loss & Amplitude Imbalance



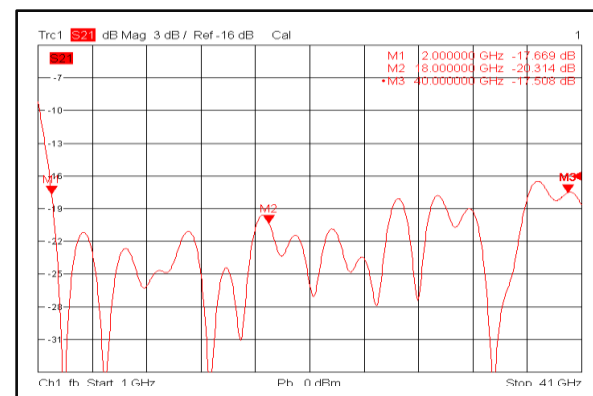
Input VSWR



Output VSWR



Isolation



Phase Imbalance

