

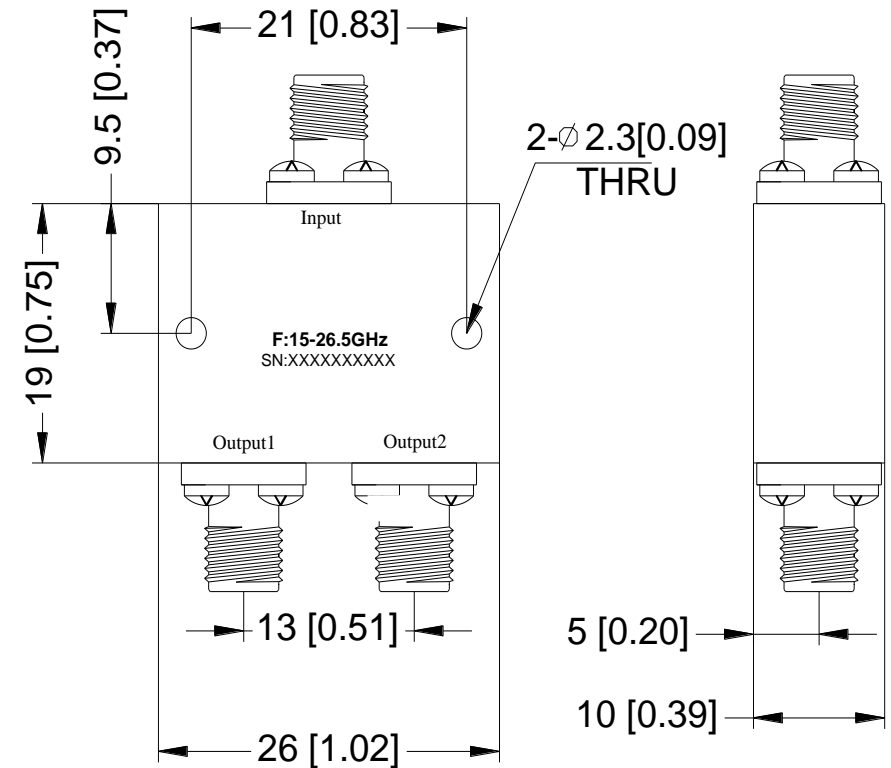
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	PRODUCTION		

# COAXIAL 20W 15-26.5GHZ 0° 2-WAY POWER DIVIDER

## UCL-2PD15265A-20S SPECIFICATIONS

### ELECTRICAL

Parameters	Min.	Typ.	Max.	Units
Frequency Range	15		26.5	GHz
Nominal Splitter Loss		3		dB
Insertion Loss		0.5	0.8	dB
Isolation	16	18		dB
Input VSWR		1.4	1.5	: 1
Output VSWR		1.3	1.5	: 1
Amplitude Imbalance		0.2	0.3	dB
Phase Imbalance		4	5	deg
Power Rating	Forward Power	20		W
	Reverse Power	0.5		W
	Peak Power	200		W
Impedance		50		Ohms
Weight		0.75 Max.		ounces
Input / Output Connectors	SMA-Female			
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



**Universal Cooperate Ltd.**

Web:www.ucl-microwave.com

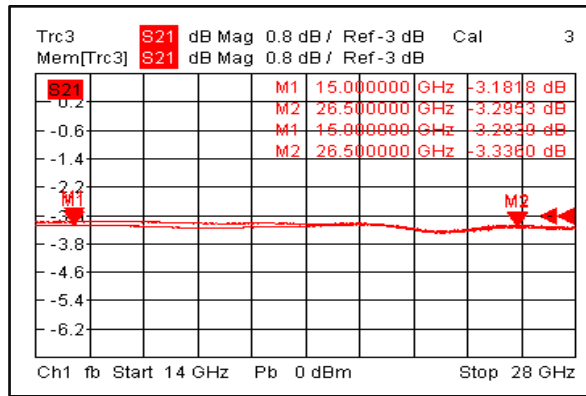
46 Langham Rd  
Edgware,  
HA8 9EL The UK

TITLE

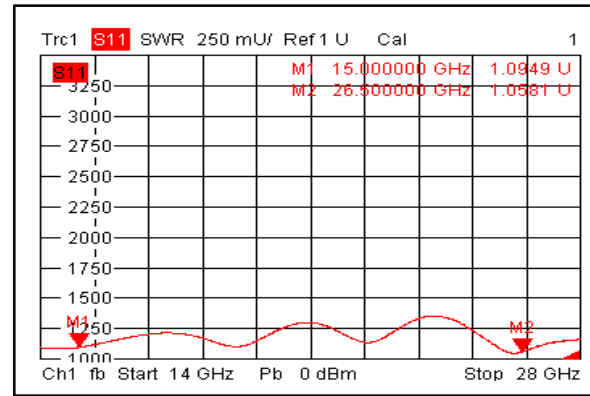
COAXIAL 20W 15-26.5GHZ 0° 2-WAY POWER DIVIDER

SIZE	CAGE CODE	MODEL	REV
A		UCL-2PD15265A-20S	A
SCALE 1:1	DOC FAMILY	SHEET 1 OF 2	

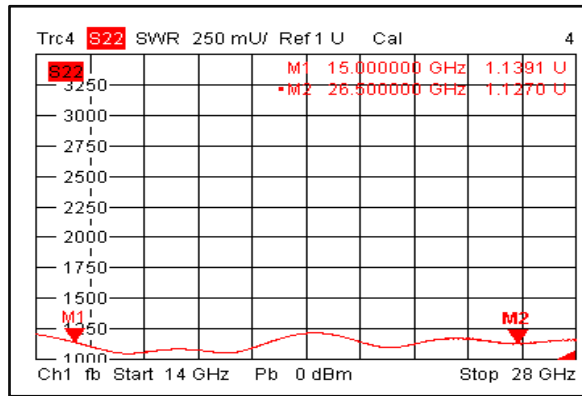
### Loss & Amplitude Imbalance



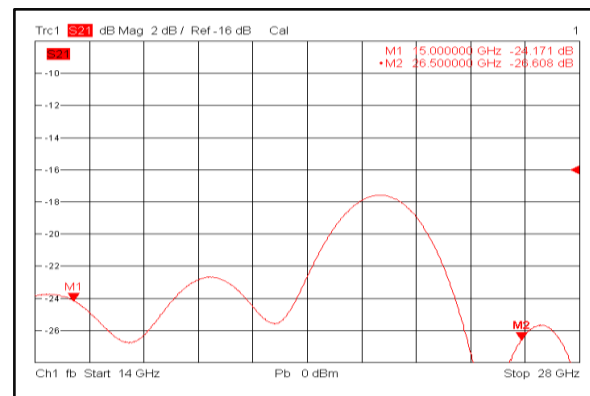
### Input VSWR



### Output VSWR



### Isolation



### Phase Imbalance

