

# Delay Line - Filter

## UMPTS 6ns

### Model: DSW1082-A

#### Application - WIRELESS

- Error Amplifier Delay Compensation in MCPA Systems
- New Generation MCPAs

#### Benefits

- Low Loss
- Minimal Mass
- Excellent Electrical Performance
- Low Intermodulation Distortion
- Optimized Delay Flatness vs. Loss

#### Features

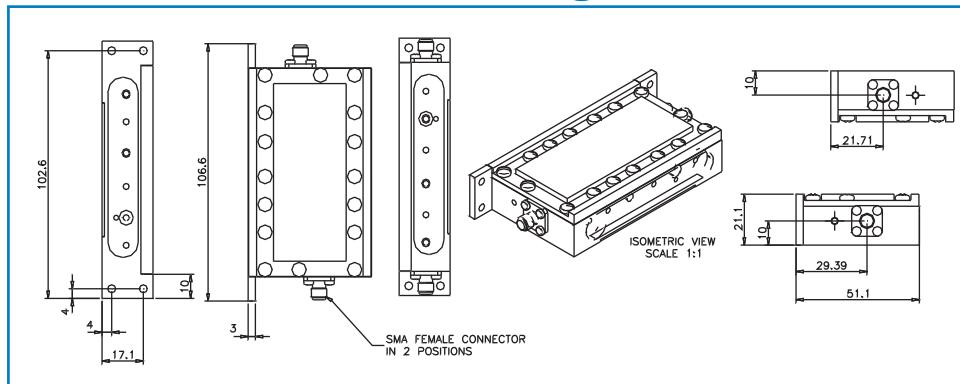
- Robust Construction
- Adjustable Group Delay
- DAMPS, EGSM, PCS and G3 Bands Supported
- User Specified Delays Typically 8 to 25 ns



#### Specifications

Parameter	Specification			Units
Frequency	2070 - 2210			MHz
	Min	Typ	Max	
Return Loss	23	25	-	dB
Insertion Loss	-	0.26	0.3	dB
Passband Insertion Loss Ripple	-	0.03	0.1	+/- dB
Group Delay @ Midband	5.9	6	6.1	ns
Phase Linearity	-	0.15	0.3	+/- deg
Insertion Delay Variation	-	0.05	0.1	+/- ns
Forward Power	-	300	2000	W
Operating Temperature	-10	-	+70	°C
Interface	SMA			-
Dimension (LxWxH)	107 x 51 x 21			mm

#### Drawing



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