

Delay Line - Filter

UMPTS 6ns

Model: DSW1082-A

Application - WIRELESS

- ♦ Error Amplifier Delay Compensation in MPCA Systems
- ♦ New Generation MCPAs

Benefits

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

Features

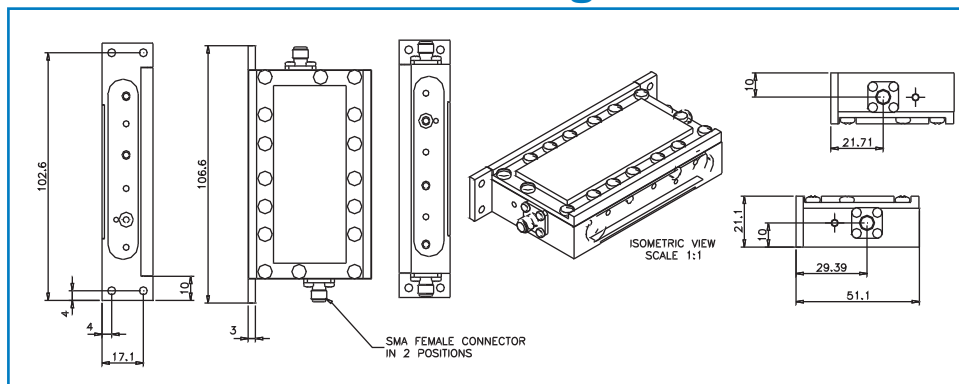
- ♦ Robust Construction
- ♦ Adjustable Group Delay
- ♦ DAMPS, EGSM, PCS and G3 Bands Supported
- ♦ User Specified Delays Typically 8 to 25 ns



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



TRAK Microwave Limited
Dunsinane Avenue, Dundee, Scotland DD2 3QF
Phone: +44 (0)1382 427 200 ♦ Fax: +44 (0)1382 833 599
E-mail: trakeurope@trak.com ♦ www.trak.com

