Impedance Transformers

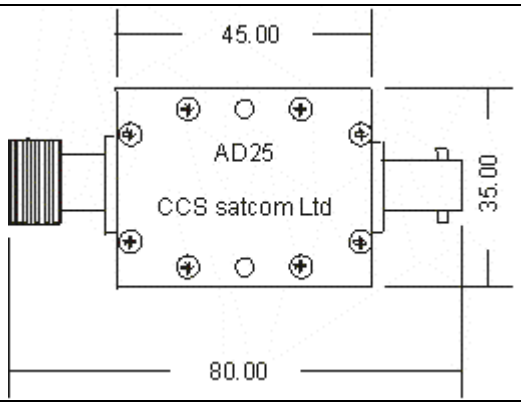
A range of high performance 50 to 75 ohm Impedance Transformers designed for satellite IF signals. The cases are machined from Aluminium alloy and have a Nickel plated finish.

Model	Freq range (GHz)	Insertion Loss	VSWR	Connector 1	Connector2	Impedance
Type 23	0.8 - 2.15	<0.2	better than 1.22	SMA female 50ohm	BNC female 75ohm	50/75 ohm
Type 24	0.8 - 2.15	<0.2	better than 1.22	N male 50ohm	BNC female 75ohm	50/75 ohm
Type 25	0.8 - 2.15	<0.2	better than 1.22	N female 50ohm	BNC female 75ohm	50/75 ohm
Type 26	0.8 - 2.15	<0.2	better than 1.22	N male 50ohm	F type female 75ohm	50/75 ohm

A "lossless" impedance transformer having several advantages over the more common Minimum loss pads. It is a high quality microstrip transformer with loss of less than 0.2dB and a return loss of 20dB at both the 50 ohm and the 75ohm ports. It is able to pass DC and 10MHz reference signals when they are required for BUCs or LNBs.Alternatively DC blocking can be specified.

Notes

Input and Output Impedance: 50ohms/75 ohms
Alternate Connectors: N male or SMA
Power: Passes DC and 10MHz ref (blocks DC option)
Case: Aluminium Alloy
Operation Temp: -35 to +80C



CCS (satcom) Ltd, 2, Ajax Close, Braintree, CM7 9UP, England
Tel +44 (0) 1376 552 736 mobile: 077 342 766 84