

HOME PHONE NETWORKING BANDPASS AND 10BASE-T FILTER MODULE

MACONICS
MAGNETICS SOLUTION FOR 3C



Electrical Specifications @ 25°C — Operating Temperature -40°C to 85°C

PARAMETER	TEST CONDITION	MIN.	NOM.	MAX.	UNITS
TUT™ Insertion Loss					
6.0 MHz	Input (1-2), Output (10-9)		3.2	4	dB
7.5 MHz	HP-8751A S21 100 Ω		2.8	3.5	dB
9.0 MHz			3.4	4	dB
TUT™ Attenuation					
1.0 MHz	Input (1-2), Output (10-9)	50	60		dB
27 MHz	HP-8751A S21 100 Ω	60	70		dB
TUT™ Return Loss (6.0 MHz to 9.0 MHz)	Input (10-9), 100 Ω (1-2) HP-8751A S11 100 Ω	10	12		dB
Isolation	Pins (1-2) short to (10-9) shorted	2000			Vrms

Mechanicals

Schematic

BD7116

