



**SPECIFICATIONS:**

IMPEDANCE: 50 OHMS NOMINAL  
 POWER RATING: 25 WATTS AVERAGE AT +40°C AMBIENT  
 FREQUENCY RANGE: DC TO 3 GHz  
 VSWR: DC TO 1 GHz AT 1.0:1 MAX.  
 1 GHz TO 3 GHz 1.30:1 MAX.  
 OPERATING TEMPERATURE RANGE: -40°C TO +40°C  
 OPERATING POSITION: ANY  
 COOLING FIN: ALUMINUM, BLACK ANODIZED FINISH  
 CONNECTORS: TYPE-N MALE AND FEMALE, TRI-ALLOY PLATED  
 NOMINAL SIZE: 5.3" L X 2.3" DIA.  
 WEIGHT: APPROX. 9 OZ.

XX = dB VALUE

dB VALUE	ACCURACY ±dB	
	DC - 1GHz	1 - 3GHz
1	0.3	0.5
2	0.3	0.5
3	0.3	0.5
6	0.4	0.6
10	0.4	0.8
20	0.5	1.0
30	0.8	1.3

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:  
 XX = ±.015  
 XXX = ±.005  
 SCALE  
 DIM. ARE IN INCHES  
 APPROVED: *[Signature]*  
 DATE: 6-14-01

**HQ Communications Corp.**

DESCRIPTION: 25 WATT CONVECTION COOLED ATTENUATOR, N-TYPE MALE/FEMALE

DRAWN BY: CGE      DATE: 6-6-01      PART NUMBER: HDC-012-E-MFN-XX      REV.