



## SPECIFICATIONS:

IMPEDANCE: 50 OHMS NOMINAL  
 POWER RATING: 75 WATTS AVERAGE AT +40°C AMBIENT  
 FREQUENCY RANGE: DC TO 3 GHz  
 VSWR: DC TO 1 GHz AT 1.10:1 MAX.  
 1 GHz TO 3 GHz AT 1.30:1 MAX.  
 OPERATING TEMPERATURE RANGE: -40°C TO +40°C  
 OPERATING POSITION: ANY (CONVECTION COOLED)  
 COOLING FIN: ALUMINUM, BLACK ANODIZED  
 CONNECTORS: TYPE-N MALE AND FEMALE, TRI-ALLOY PLATED  
 NOMINAL SIZE: 7.3" L X 2.3" DIA.  
 WEIGHT: APPROX. 1.45 LBS.

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:  
 DIM. = ±.010  
 HOLE = ±.015

SCALE  
 DIM. ARE IN INCHES  
 APPROVED: *[Signature]*

DATE 6-14-01

## HD Communications Corp.

DESCRIPTION 75 WATT CONVECTION COOLED ATTENUATOR, N-TYPE MALE/FEMALE

DWG. BY CGE DATE 6-6-01 PART NUMBER HDC-014-E-MFN-XX REV.