



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1-12.4 GHz Hybrid Directional Coupler

Part Number: AE1000HDC1278



Electrical specifications

Frequency Range: 1-12.4 GHz

Insertion Loss: 2.1 dB Max

Isolator: 17 dB Min

Amplitude Balance: ± 0.4 dB

Phase Balance: $\pm 10.0^\circ$

VSWR: 1.6:1 Max

Power Handling: 20 W CW, 3 KW Peak

Mechanical

Connector Type: SMA (F)

Dimensions: 118.1 x 31.8 x 12.7 mm

Environmental

Operating Temperature: -35 to +105° C

Storage Temperature: -55 to +125° C

Outline Drawing:

