



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2-18 GHz Directional Coupler

Part Number: AM10000DC881



Electrical Specifications

Frequency Range: 2-18 GHz

Coupling: 30 dB $\pm$ 1.4 dB

Frequency Sensitivity: $\pm$ 1.0 dB

Directivity: 12 dB @ 2-18 GHz

12 dB @ 8-15 GHz

10 dB @ 15-18 GHz

Insertion Loss: 0.5 dB Max

VSWR: 1.4:1 Max (Mainline)

1.6:1 Max (Branch Line)

Power Handling: 400 W Average, 3 KW Peak

Mechanical

Connector Type: TNC (M) Mainline Input

TNC (F) Mainline Output

SMA (F) Coupled Output

Dimensions: 4.09 x 0.94 x 1.2 Inches

Environmental

Operating Temperature: -35 to +95° C

Storage Temperature: -55 to +100° C

Outline Drawing:

