

MODEL 104012410-Q-1006 4.0-12.4 GHz DIRECTIONAL COUPLER QUANTUM/CRYOGENIC APPLICATIONS



ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE 4.0-12.4 GHz **COUPLING** (with respect to output)

Nominal $10 \pm 0.5 \, dB$ Frequency Sensitivity $\pm 0.3 dB$

DIRECTIVITY > 15 dB

MAXIMUM VSWR (any port) 1.35

INSERTION LOSS (excludes coupled power) < 0.9 dB

POWER RATING (input)

20 W Average 3 KW Peak

STANDARD CONNECTORS **SMA Female**

WEIGHT (ounces) 1.0

OPERATING TEMPERATURE CRYOGENIC to +85° C

NOTE: Materials and design optimized for extreme cold temperature operating environments. Contact factory for additional temperature information.

DIMENSIONS IN INCHES





