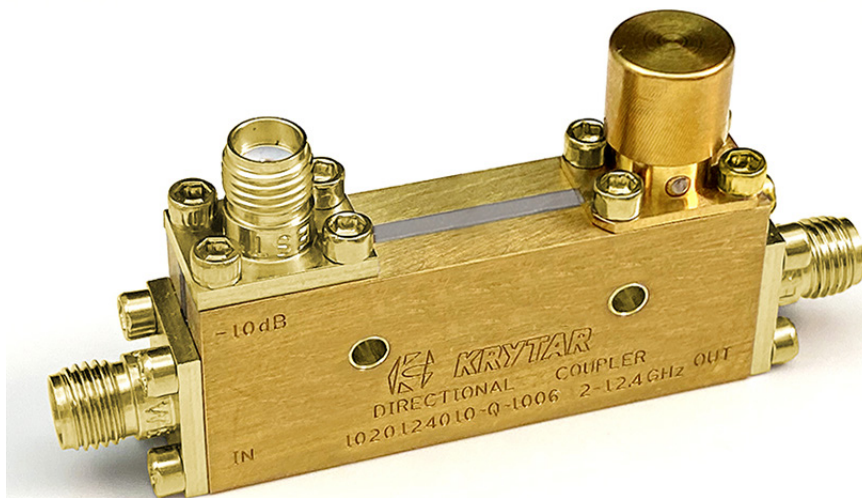




MODEL 102012410-Q-1006 2-12.4 GHz DIRECTIONAL COUPLER QUANTUM/CRYOGENIC APPLICATIONS

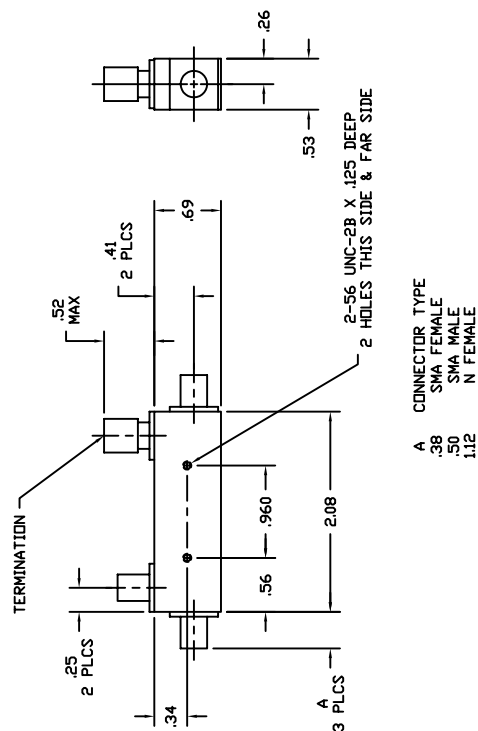


ELECTRICAL SPECIFICATIONS

| | |
|---|---------------------|
| FREQUENCY RANGE | 2-12.4 GHz |
| COUPLING (with respect to output) | |
| Nominal | 10 ± 0.5 dB |
| Frequency Sensitivity | ± 0.30 dB |
| DIRECTIVITY | > 16 dB |
| MAXIMUM VSWR (any port) | 1.35 |
| INSERTION LOSS (includes coupled power) | < 1.1 dB |
| POWER RATING (input) | |
| Average | 20 W |
| Peak | 3 KW |
| STANDARD CONNECTORS | SMA Female |
| WEIGHT (ounces) | 1.7 |
| 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



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