DESCRIPTION
PMI MODEL NO. QC-5010-NFF IS A HYBRID COUPLER THAT OPERATES OVER THE FREQUENCY RANGE OF 5.0 TO 10.0 GHz. IT HAS A MAXIMUM INSERTION LOSS OF 1.1 dB AND A MINIMUM ISOLATION OF 16 dB. THIS PRODUCT IS OUTFITTED WITH N FEMALE CONNECTORS.

SPECIFICATIONS
- FREQUENCY RANGE: 5.0 TO 10.0 GHz
- NOMINAL SPLIT: 3.01 dB
- INSERTION LOSS: 1.1 dB MAX
- ISOLATION: 16 dB MIN
- AMPLITUDE BALANCE: ±0.75 dB MAX
- PHASE BALANCE: ±5° MAX
- VSWR: 1.50:1 MAX
- POWER HANDLING: AVERAGE: 75 WATTS MAX PEAK: 3 KW MAX
- IMPEDANCE: 50 OHMS
- CONNECTORS: N FEMALE

ENVIRONMENTAL RATING
- TEMPERATURE: -55 °C TO +85 °C (OPERATING)
-65 °C TO +125 °C (STORAGE)
- HUMIDITY: UP TO 95%, NON-CONDENSING
- SHOCK: MIL-STD-202, METHOD 213B COND. B
- VIBRATION: MIL-STD-202, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202, METHOD 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PLANAR MONOLITHICS INDUSTRIES, INC.
7311-F GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: (301)-662-5019, FAX: (301)-662-1731
WEB: www.pmi-rf.com, EMAIL: sales@pmi-rf.com
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