



# SPECIFICATIONS

FREQUENCY RANGE: 1.0–18.0 GHz  
 COUPLING (INCLUDES FREQUENCY SENSITIVITY):  $10 \pm 1.00$  dB  
 FREQUENCY SENSITIVITY:  $\pm 0.50$  dB  
 INSERTION LOSS: (EXCLUDING COUPLED POWER) 0.90 dB (TRUE) 1.50 dB  
 DIRECTIVITY: 15 dB MINIMUM (1–12.4) 12 dB MINIMUM (12.4–18)

VSWR: 1.50:1 MAX.  
 AVG. INCIDENT: 25 WATTS POWER  
 AVG. REFLECTED: 5 WATTS POWER  
 PEAK: 3 KW POWER



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**COAXIAL & FIBER OPTICS**

DWG TITLE  
**PE2214-10**

DES. SMA FEMALE DIRECTIONAL COUPLER  
 BROADBAND FREQUENCY RANGE: 1.0-18.0 GHz

|        |                |                 |           |        |     |
|--------|----------------|-----------------|-----------|--------|-----|
| REV. B | FSCM NO. 53919 | CAD FILE 072710 | SCALE N/A | SIZE A | 127 |
|--------|----------------|-----------------|-----------|--------|-----|

NOTES:  
 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
 3. DIMENSIONS ARE IN INCHES.