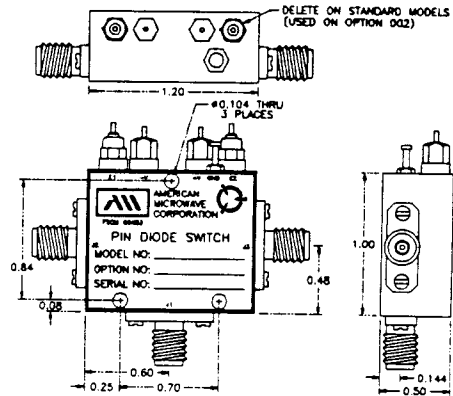




SPDT 10 MHz to 18 GHz SWITCH/MODULATOR

- ABSORPTIVE
- ULTRA-WIDEBAND
- HIGH ISOLATION
- LOW CURRENT DRAW



AMC Model Number: SWN-0118-2DT-133

SPECIFICATIONS:

- **FREQUENCY** : 0.01 to 18.0 GHz
- **INSERTION LOSS** : 3.50dB MAX.
: ≤ 1.0 dB TYP. @ 0.01 to 0.5 GHz
: ≤ 1.7 dB TYP. @ 0.5 to 8.0 GHz
: ≤ 2.2 dB TYP. @ 8.0 to 14.0 GHz
: ≤ 3.0 dB TYP. @ 14.0 to 18.0 GHz
- **ISOLATION** : 60.0 dB MIN.
: >70.0 dB TYP. @ 0.01 to 0.05 GHz
: ≥82.0 dB TYP. @ 0.05 to 1.0 GHz
: ≥80.0 dB TYP. @ 1.0 to 8.0 GHz
: ≥85.0 dB TYP. @ 8.0 to 18.0 GHz
- **VSWR** : 2.0:1 MAX.
- **SWITCHING SPEED** : On/Off 80nS MAX. (50nS Typical)
: Rise/Fall 20nS MAX. (10nS Typical)
- **DC POWER SUPPLY** : ± 5vdc @ ±50mA MAX. (Other Voltages Available)
- **RF INPUT POWER** : + 20 dBm Operating, 1 Watt Survival
- **SIZE SWN-218-2AT-133** : 1.2" X 1.0" X 0.5"
- **WEIGHT** : <2.0 oz.

REFLECTIVE AND MULTI-THROW VERSIONS ALSO AVAILABLE