AMC MODEL SWN-2DR/DT-STANDARD IS A SINGLE POLE TWO THROW, REFLECTIVE (DR) OR ABSORPTIVE/NON-REFLECTIVE (DT) SWITCH MODULE WITH VERY LOW INSERTION LOSS, HIGH ISOLATION AND WITH INTEGRAL TTL DRIVER, DESIGNED FOR BROAD BAND OPERATIONS.

SPECIFICATIONS
- FREQUENCY RANGE: 0.5 TO 18 GHz
- INSERTION LOSS: REFLECTIVE: 2.5 dB MAXIMUM
- ABSORPTIVE: 3.5 dB MAXIMUM
- ISOLATION: 0.5 GHz TO 18 GHz: 60 dB MINIMUM
- VSWR: REFLECTIVE IN/OUT: 2.0:1
- ABSORPTIVE IN/OUT: 2.0:1
- ABSORPTIVE OUT/OFF: 2.0:1
- RISE TIME: 15 nSec MAXIMUM
- FALL TIME: 15 nSec MAXIMUM
- DELAY ON: 100 nSec MAXIMUM
- DELAY OFF: 100 nSec MAXIMUM
- POWER INPUT: (CW)+20 dBm (STANDARD), +10 dBm (HIGH SPEED)
- SURVIVAL POWER: 1 WATT CW, 10 WATTS PEAK 1 uSec
- CONTROL: TTL LOGIC "0" = J1--J2 ON
- TTL LOGIC "1" = J1--J3 ON
- POWER SUPPLY: +5V @ 100 mA MAXIMUM
- -5V @ 75 mA MAXIMUM (REFLECTIVE)
- 100 mA MAXIMUM (ABSORPTIVE/NON-REFLECTIVE)
- CONNECTORS:
  - RF: SMA FEMALE
  - CONTROL: SOLDER PIN
- SIZE: 1.20" (L) x 1.00" (W) x 0.50" (H)

OPTIONS:
- B01: -12V POWER SUPPLIES
- B02: -15V POWER SUPPLIES
- B04: DRIVERLESS, CURRENT CONTROLLED
- B05: HIGH SPEED, TURNON/TURNOFF 20 nSec MAXIMUM
- WHEN APPLICABLE OR OPTION
- B06: HIGH POWER - SPECIFY CW POWER, PEAK POWER, PULSE WIDTH, DUTY CYCLE, RF FREQUENCY AND BANDWIDTH
- BO8: LOW VIDEO TRANSIENTS - SPECIFY VIDEO BANDWIDTH
- BO10: HIGHER ISOLATION VERSION (SPECIFY)
- 218: 2 - 18GHz FREQUENCY RANGE
- 002: INDEPENDENT CONTROL; "0"=ON & "1"=OFF
- 011: OFF ARM TERMINATION

ENVIRONMENTAL RATINGS:
- TEMPERATURE: -40°C TO +85°C (OPERATING)
- -65°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B, COND. B
- SHOCKS: MIL-STD-202F, METHOD 213B, COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D, COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C, COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D, COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE.
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION.
* Units are designed to meet Environmental ratings but not tested. If Environmental Testing is required, please contact Sales Department.