

## SPECIFICATION:

FREQUENCY: 1565-1615 MHz  
 POLARIZATION: RIGHT HAND CIRCULAR  
 AXIAL RATIO: 3 dB MAX AT BORE SIGHT  
 RADIATION COVERAGE: ELEVATION ANGLE MINIMUM GAIN  
 > 15° -2.0 dBic  
 10° -3.0 dBic  
 5° -4.5 dBic  
 0° -7.5 dBic

AMPLIFIER:  
 NOISE FIGURE: 2.5 dB MAX  
 IMPEDANCE: 50 Ω  
 VSWR: ≤2.0:1  
 BAND REJECTION: 20 dB @ 250 MHz  
 POWER HANDLING: 1 WATT  
 FINISH: POLYURETHANE ENAMEL, FLUID RESISTANT  
 WEIGHT: 8 OZ MAX  
 ALTITUDE: 55,000'  
 OPERATING TEMP: -55°C TO +85°C  
 DESIGNED TO: D0-160D,  
 ENV CAT: F2-ABB[S(CLMY)U(FF1)]XSFDIFSZXXXXPX[A3][2A]CX  
 ARINC 743 FOOTPRINT  
 TSO: C-144

STANDARD MODEL= AT1675-0W-TNCF-000-RG-26-NM  
 PART NO. DESIGNATION:  
 AT1675-OXXX-XXXX-XXX-XX-XX-XX  
 CUSTOMER ID (IF APPLICABLE)  
 COLOR  
 W = WHITE  
 S = SMOKE GRAY  
 O = OLIVE DRAB  
 CONNECTOR  
 TNCF = TNC FEMALE  
 SMAF = SMA FEMALE  
 CABLE LENGTH  
 \* 000 = IN INCHES  
 MAGNET  
 NM = NO MAGNET  
 GAIN (± 2 dB)  
 00 = PASSIVE  
 12 = 12 dB (28 mA)  
 26 = 26 dB (50 mA)  
 36 = 36 dB (100 mA)  
 38 = 38 dB (100 mA)  
 XX = OTHER  
 VOLTAGE  
 RG = 4.5 TO 18.0 VDC

\* = OPTION NOT AVAILABLE WITH THIS MODEL

