em wave inc.

Product Data Sheet



EM-MTR11001

Thick Panel Series

NMO ¾" Hole Mount Assembly

- Precision 50Ω Interface
- Low-Profile Interior Installation
- Self-Adjusting NMO Locking Nut Eliminates Guesswork and Decreases Installation Time
- All Brass and Stainless Steel Components for Maximum Reliability and Corrosion Resistance
- Non-Rotational Heavy-Duty Centering Washer Ensures Perfect Hole Alignment while Optimizing Non-Slip Clamping Pressure

- **Available Models:**
  EM-MTR11001: No Cable
  EM-MTR11001-058: 17 ft. RG-58/U Attached
  EM-MTR11001-195: 17 ft. 195 LL Attached

Electrical Specifications

Frequency Band	30 – 1000 MHz
VSWR [1]	<1.3:1 typical
Impedance	50Ω
Power Handling[2], RG-58/U	150 W for VHF Band
Power Handling[2] , 195 LL Type	100 W for 700-1000 MHz Band

Mechanical Specifications

Mounting Height	0.375 in. (9.5 mm)
Mounting Hole	0.75 in. (19.05 mm)
Outside Mounting Diameter	1.13 in. (28.7 mm)
Mounting Application / Type	Thru-hole
Cable Length (model specific)	17 ft. (5.1 m)
Connector Type	Sold separately
Mounting Material	Brass and Stainless Steel
Mounting Material Finish	Bright Nickel
Operating Temperature Range	-40° to 85° C
Corrosion	Salt Fog
Humidity	95%

1. Antenna / Frequency Dependent 2. VSWR, Temperature and Altitude Dependent

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