

Thick Panel Series NMO 3/4 Hole Mount Assembly

This is the RFMAX, thick roof thru-hole mount / thru-roof, NMO antenna mount. The mount can be used with a 3/4" hole and is FULLY ADJUSTABLE for mounting thickness from 1/8 to 1/2 Inch. The assembly includes 17 ft. of Low-Loss LMR195 type cable and a connector pre-installed.



- Precision 50 Ohm 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



Part Number	Connector Code	Connector Type
RNMOV195SSMC17I	SSM	SMA-Male/Plug
RNMOV195MUMC17I	MUM	Mini UHF Male/ Mini-PL259/ MPL
RNMOV195RSMC17I	RSM	RP SMA-Male
RNMOV195RTMC17I	RTM	RP TNC-Male
RNMOV195SBMC17I	SBM	BNC-Male
RNMOV195SNMC17I	SNM	N-Male
RNMOV195SQMC17I	SQM	QMA-Male
RNMOV195SUMC17I	SUM	UHF Male/ PL-259/ UHF Plug

Part Numbers Configurator:

RNMOV	195	SSM	C	17	I
Model	Cable Type	Connector	Color (Chrome)	Cable Length (feet)	Installed

MECHANICAL DATA

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%

ELECTRICAL DATA

Frequency Band	30-1000 Mhz
VSRW	<1.3:1 typical
Impedance	50 Ohms
Power Handling ² RG-58/U	150 W for VHF Band
Power Handling ² 195 LL Type	100 W for 700-1000 MHz Band

ATTENUATION LOSS

Frequency (MHz)	30	50	150	220	450	900	1500	1800	2000	2500	5800	8000
Attenuation db/100ft	2.0	2.5	4.4	5.4	7.8	11.1	14.5	16.0	16.9	19.0	29.9	35.7
Attenuation db/100m	6.5	8.4	14.6	17.7	25.5	36.5	47.7	52.5	55.4	62.4	98.1	117.1
Avg. Power kW	0.89	0.68	0.39	0.32	0.22	0.16	0.12	0.11	0.10	0.09	0.06	0.04