

OM SERIES

INSTRUCTIONS

Drill and debur a hole large enough for the center coax lead (additional holes may be required if using nut and bolt mounting configuration). If connector is already attached, allow for connector clearance.

With gasket placed on the bottom of the coil, run coax through hole and route to radio. Mount OM antenna using self-tapping screws or nuts and bolts provided.

CUTTING THE ROD:

Dimensions shown on cutting charts are for the section of rod below the phasing coil (on collinear UHF models). Do not cut upper rod section on UHF models. Straight whips are to be cut from the bottom.



OM150CK

OPERATING FREQUENCY	ROD LENGTH W/O SPRING (Inches)	ROD LENGTH W/O SPRING (cm)	ROD LENGTH W/ SPRING (Inches)	ROD LENGTH W/ SPRING (cm)
147 MHz	43"	109.2	39 1/2"	100.3
150 MHz	41"	104.1	37 1/2"	95.3
152 MHz	40"	101.6	36 1/2"	92.7
155 MHz	39"	99.1	35 1/2"	90.2
157 MHz	38"	96.5	34 1/2"	87.6
160 MHz	36"	91.4	32 1/2"	82.6
162 MHz	35"	88.9	31 1/2"	80.0
165 MHz	34 1/2"	87.6	31"	78.7
167 MHz	34"	86.4	30 1/2"	77.5
170 MHz	33"	83.8	29 1/2"	74.9
172 MHz	32"	81.3	28 1/2"	72.4

OM406CK

OPERATING FREQUENCY	ROD LENGTH W/O SPRING (Inches)	ROD LENGTH W/O SPRING (cm)	ROD LENGTH W/ SPRING (Inches)	ROD LENGTH W/ SPRING (cm)
404 MHz	17"	43.2	14 3/4"	37.5
406 MHz	16 3/4"	42.6	14 1/2"	36.8
408 MHz	16 1/2"	41.9	14 1/4"	36.2
410 MHz	16"	40.6	13 3/4"	34.9
415 MHz	15 3/4"	40.0	13 1/2"	34.3
420 MHz	15 1/2"	39.4	13 1/4"	33.7

OM420CK

OPERATING FREQUENCY	ROD LENGTH W/O SPRING (Inches)	ROD LENGTH W/O SPRING (cm)	ROD LENGTH W/ SPRING (Inches)	ROD LENGTH W/ SPRING (cm)
420 MHz	16"	40.6	13 3/4"	34.9
425 MHz	15 3/4"	40.0	13 1/2"	34.3
430 MHz	15"	38.1	12 3/4"	32.4
435 MHz	14 1/2"	36.8	12 1/4"	31.1
440 MHz	14"	35.6	11 3/4"	29.9

OM450CK

OPERATING FREQUENCY	ROD LENGTH W/O SPRING (Inches)	ROD LENGTH W/O SPRING (cm)	ROD LENGTH W/ SPRING (Inches)	ROD LENGTH W/ SPRING (cm)
450 MHz	15"	38.1	13 1/2"	34.3
455 MHz	14 1/2"	36.8	12 1/2"	31.8
460 MHz	13 3/4"	34.9	11 3/4"	29.5
465 MHz	13 3/8"	34.0	11 3/8"	28.9
470 MHz	13"	33.0	11"	27.9

OM470CK

OPERATING FREQUENCY	ROD LENGTH W/O SPRING (Inches)	ROD LENGTH W/O SPRING (cm)	ROD LENGTH W/ SPRING (Inches)	ROD LENGTH W/ SPRING (cm)
470 MHz	12 3/4"	32.4	10 1/2"	26.7
475 MHz	12 1/4"	31.1	10"	25.4
480 MHz	11 3/4"	29.9	9 1/2"	24.1
485 MHz	11 1/4"	28.6	9"	22.9

OM800

The OM800 series is factory tuned for best performance in the specified frequency range.



Pulse warrants to every user of a Larsen product that it will perform to its specified ratings and will be free of defects in materials and workmanship.

Pulse will repair or replace without charge any Larsen product which fails to meet this warranty within two years of the purchase

date. Excluded is failure due to misuse such as striking objects, improper installation, and use beyond specifications.

Pulse will not be responsible for any incidental or consequential damages due to failure of a Larsen product under this warranty or any implied warranty.

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OM Series



DANGER - ANTENNA CONTACT WITH HIGH VOLTAGE WIRES MAY RESULT IN DEATH