

KLM 2M-16LBX SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

SPECIFIED FREQUENCY RANGE: 144-146 MHZ
USEABLE FREQUENCY RANGE: 143-148 MHZ
FRONT/BACK RATIO: 20 DB (MIN)
FRONT/SIDE RATIO: 30 DB (MIN)
FIRST SIDE LOBES: -17 DB
GAIN @ 144 MHZ: 14.5 DB
GAIN @ 145 MHZ: 14.5 DB
GAIN @ 146 MHZ: 14.4 DB
GAIN @ 147 MHZ: 14.3 DB
GAIN @ 148 MHZ: 13.2 DB
E PLANE BEAMWIDTH: 26 DEGREES
H PLANE BEAMWIDTH: 29 DEGREES

FEED IMPEDANCE: 50 OHMS UNBALANCED (USING 4:1 RG303 SILVER/TEFLON
BALUN)

MECHANICAL SPECIFICATIONS

BOOM LENGTH: 28' (337") 4.08 WAVE LENGTHS
DRIVEN ELEMENTS: 2, DUAL DRIVEN 3/8" DIAMETER TUBE
PARASITIC ELEMENTS: 14, 3/16" ROD, INSULATED
WEIGHT: 10 POUNDS
TURNING RADIUS: 185"
WIND LOAD: 1.75 SQ. FT. (HORIZONTALLY POLARIZED)
2.44 SQ. FT. (VERTICALLY POLARIZED)