

TACO ANTENNAS

UHF LOG PERIODIC ANTENNA MODEL:

◆ J-275D-K-*

Each Model J-275D-K-* consists of a wide-band, diamond-loop driver, two vertically spaced reflectors and 13 tuned directors. The diamond driver is an exclusive TACO design providing a matched 75 Ohm impedance throughout the UHF range. Dual reflectors increase both horizontal and vertical directivity of the driver and provide front-to-back ratios of 20 dB or better. Directors are tuned for specified channels to provide gain of 14 dB over a reference dipole.

** - see Gain curves

TACO CATV ANTENNAS

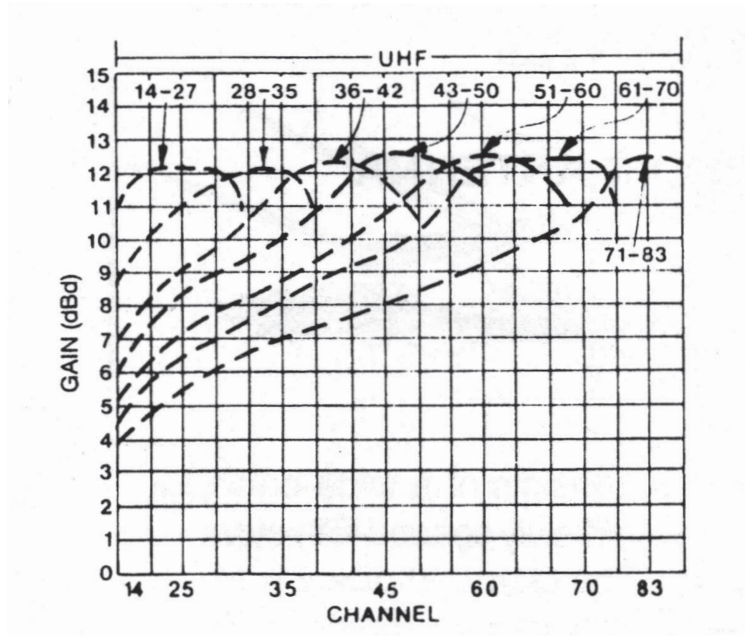
UHF ANTENNA

ELECTRICAL SPECIFICATIONS

SPECIFICATION

J-275D-K-*

CHANNELS	14 Thru 83 (6 models)
GAIN	14 dBi (see chart)
IMPEDANCE	75 Ohm
VSWR	1.5:1
FR:BK RATIO	20 dB
POLARIZATION	H or V
H. BEAM WIDTH	55 deg.
CONNECTOR	"F" Connector
PIPE SIZE (CTR Mount)	1.5" To 2.0" O.D.



Please Note: dBi = dBd + 2

J-275D - K-* GAIN CURVES

TACO MATV ANTENNAS

UHF ANTENNA

MECHANICAL SPECIFICATIONS

MODEL	J-275D-K-*
LENGTH (IN.)	77.3
WIDTH (IN.)	14
WEIGHT (Lbs.)	18.0
WIND LOAD AREA	
NO ICE**	0.81 SQ. FT.
1" RAD. ICE***	2.09 SQ. FT.
THRUST (Lbs.)	
NO ICE**	29.2
1" RAD. ICE***	18.8
TORQUE (Ft. - Lbs.)	
NO ICE	46.1
1" RAD. ICE	29.7

* LONGEST ELEMENT

** WIND SPEED 100 MPH

*** WIND SPEED 50 MPH