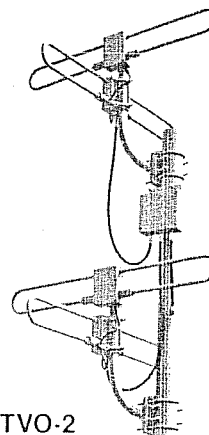


**SCALA**ELECTRONIC  
CORPORATIONPOST OFFICE BOX 4580  
MEDFORD, OREGON 97501

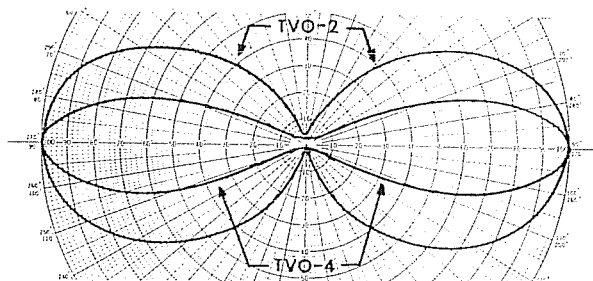
(503) 779-6500

**TVO  
VHF-TV  
OMNI ANTENNA****APPLICATIONS:**

- VHF-TV TRANSLATORS
- LOW POWER VHF-TV BROADCAST

TVO (One-bay)  
TVO-2 (Two-bay)  
TVO-4 (Four-bay)  
(50 or 75 ohms)**ELECTRICAL SPECIFICATIONS**

Frequency Range:	Any specified VHF-TV Channel (54-216 MHz)
Impedance:	50 or 75 ohms
Gain (over dipole):	TVO: - 3.0 db (one-bay) TVO-2: 0.0 db (two-bay) TVO-4: + 3.0 db (four-bay)
VSWR:	1.3:1 maximum across specified channel
Polarization:	Horizontal
Power Input Rating:	100 watts (1,000 watts available)
Termination:	50-ohm models: Female type N (mates with UG-21/U) 75-ohm models: Female F, UHF, or N (mates with UG-94/U)
Horizontal Pattern:	Omni-directional within 1.5 db
Options available:	1,000 watt rating (TVO-4) Electrical beamtilt (TVO-2) and TVO-4) Six-bay (TVO-6) and Eight-bay (TVO-8) arrays



VERTICAL PATTERN — RELATIVE VOLTAGE