

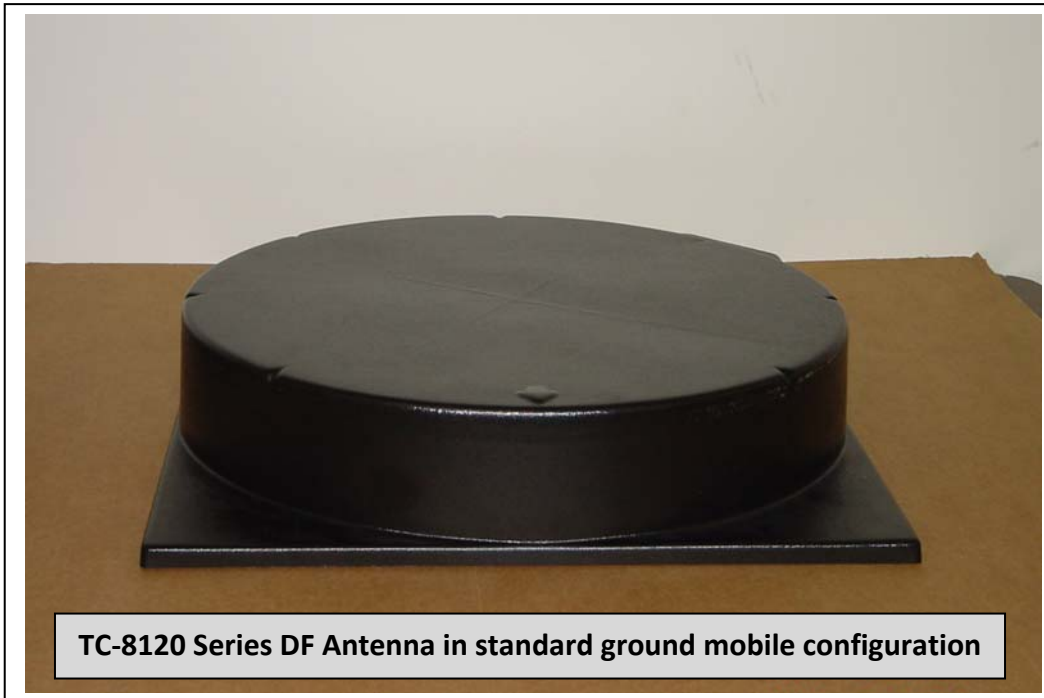
TechComm

Direction Finder
Systems

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TC-8120 DIRECTION FINDER ANTENNA



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Features + Specifications

TC-8120 Frequency Range

20MHz - 250MHz

TC-8120-1 Frequency Range

20MHz - 2700MHz

TC-8120-2 Frequency Range

20MHz - 2000MHz

TC-8120-3 Frequency Range

2MHz - 2700MHz

Size/Type

20-inch Diameter Annular Slot

Polarization

Vertical Polarization

Sense Antenna

None Required

Horizontal Coverage

360 Degrees

Vertical Coverage

+30, -30 Degrees, Typical

RF Outputs

DF RF, One; Optional OMNI RF

Impedance

50 Ohms, nominal

PreAmplifiers

Switchable in / out

Power

Supplied from DF Processor

Installation / Mounting

Ground Mobile: Temporary - mounting straps

Permanent: Conformal, or 4 .25" mounting holes

Airborne: Conformal or external Radome

Shipboard, Fixed Station: Mast or Platform mounting using mast adapters for either internal or external cable runs.

Radome

Standard or Custom Radomes for all TC-8000 Series DF Antennas

Weight

8.5 - 11 pounds, depending on Options

Operating Temperature

-20 to +60 Degrees C, Typical

Non-Operating Temperature

-50 to +70 Degrees C, Typical

Humidity

0 to 95%