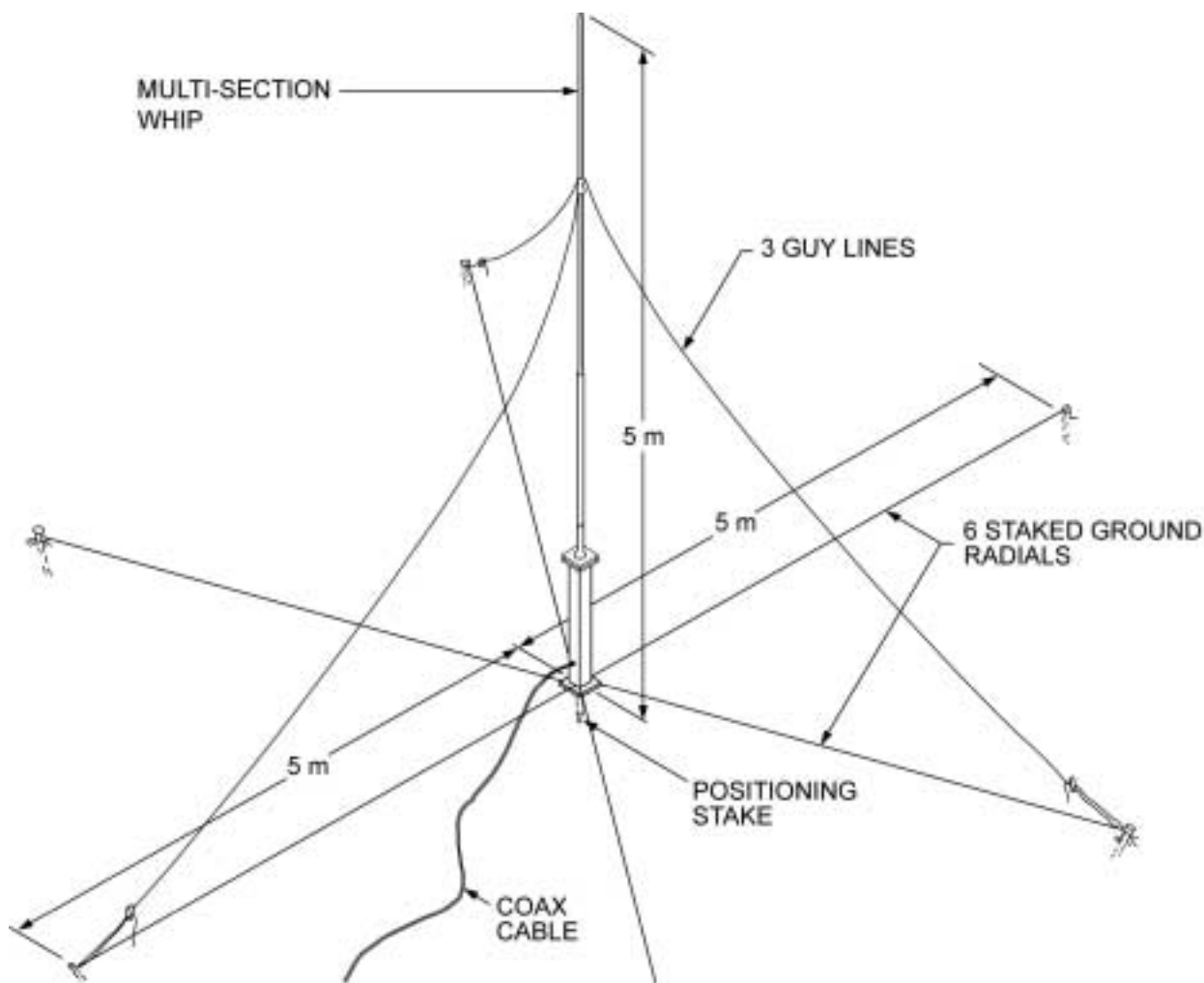




The 632D/F/G sleeve monopole antennas, which feature a 5-meter (16-ft) monopole, provide the TCI 802 DF system with high signal sensitivity over the entire HF range.

The antennas consist of a base, multi-element fiberglass radiator, and ground-wire kit.

The 632D's compact size and ease of installation make it ideal for tactical deployment as well as for fixed-site applications. For tactical applications, it is supplied with a ground spike, six stakes for securing ground wires, and guy ropes. The 632F, the fixed version of this antenna, does not require guys.

TCI engineers can advise on antenna suitability for specific requirements.

- **High sensitivity over entire HF spectrum**
- **Compact size**
- **Easy to install**
- **Fixed-site or tactical applications**

Specifications

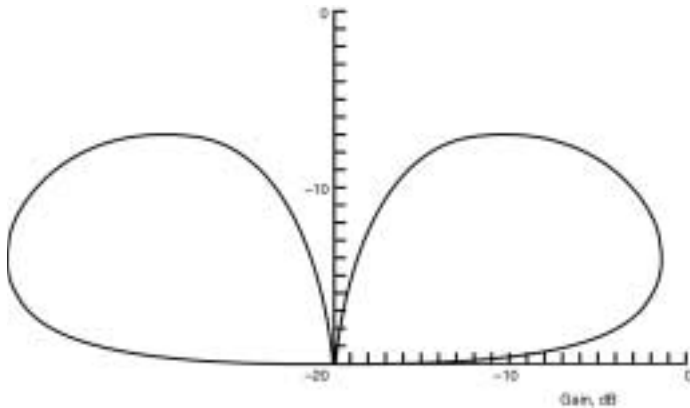
Frequency Range0.3–30 MHz
Power CapacityReceive Only
PatternOmni-azimuthal
PolarizationVertical
Output Impedance50Ω, unbalanced
Output ConnectorType N
Phase Match2° over entire range
(Antenna to antenna)

Noise Figure (dB)	
0.5 MHz	66
2.0 MHz	41
5.0 MHz	25
10.0 MHz	11
15.0 MHz	3
20.0 MHz	2
25.0 MHz	3
30.0 MHz	5

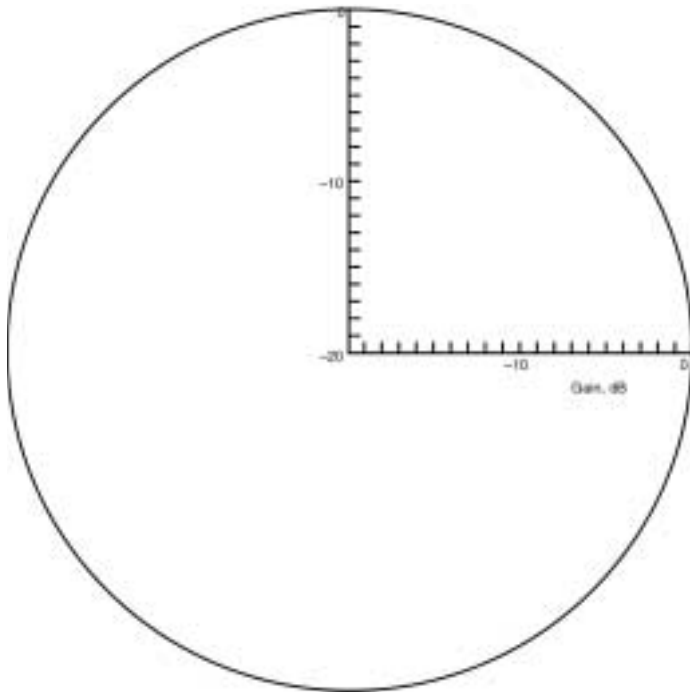
Dimensions (deployed)
Height4.9 m (192 in)
Ground screen radius4.9 m (192 in)

Dimensions (stored)
Height1.4 m (54 in)
Diameter0.15 m (6 in)
Weight15.2 kg (34 lb)

Environmental
Wind load.....120 km/h (75 mph)
No ice
Temperature-25°C to 50°C



Typical Elevation Pattern



Typical Azimuth Pattern

