



**L3HARRIS™**  
FAST. FORWARD.

## R74-1-1 BROADBAND STUB ANTENNA

The R74-1-1 is a broadband stub antenna designed for Electronic Support Measure applications in ground-mobile, fixed-site, and airborne applications.

The R74-1-1 provides omnidirectional coverage in the azimuth plane, closely matching the pattern shape of a conventional quarter-wave stub antenna.

The R74-1-1 is a sealed assembly and is fitted with an epoxy fiberglass radome finished with a polyurethane top coat.

ELECTRICAL	
Frequency range	2 – 12.4 GHz 12.4 – 18.5 GHz
VSWR	2 – 12.4 GHz 3.0:1 max 12.4 – 18.5 GHz 6.0:1 max
Polarization	Vertical linear
Pattern	$\approx \lambda/4$ monopole
MECHANICAL	
Connector	TNC female
Weight	2.0 oz
Finish	Polyurethane top coat



### KEY FEATURES

- > Broadband stub antenna
- > ESM or test hat applications
- > Lightweight
- > Single bulkhead connector or baseplate mounting

For further details and specifications,  
contact the factory at  
[antenna.info@L3Harris.com](mailto:antenna.info@L3Harris.com)

#### R74-1-1 Broadband Stub

© 2021 L3Harris Technologies, Inc. | 10/2021 | 61493 | EC

Nonexport-controlled Information

L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.



**L3HARRIS™**  
FAST. FORWARD.

1025 W. NASA Boulevard  
Melbourne, FL 32919