

7/16 Composite Connector Series

Short Version:

- Body length L= 21.5 mm
- Panel seal or a totally waterproof interface, even in non-mated conditions
- Standard color: black (red, green, blue, white colors upon request)



Long Version:

- Body length L= 37.5 mm
- Panel seal or a totally waterproof interface, even in non-mated conditions
- Standard color: black (red, green, blue, white colors upon request)



Both short and long versions have outstanding electrical performance with a low operating VSWR range, 1.10 max up to 7.5 GHz.

Plugs

- Right angle plug, low profile, for flexible and semi-rigid cables
- Straight plug for corrugated cables

Bulkhead Receptacles

- For flexible and semi-rigid cables
- Panel seal



For more information and a FREE N or 7/16 Connector go to www.radiall.com

Performing at Our Best

Radiall is an ISO 9001 certified manufacturer guaranteeing you that we meet or exceed industry standards in interconnect design, quality, reliability and performance. We are dedicated to continuous improvement programs that have resulted in being AS9100, TS 16949 or ISO 14001 certified.

Choosing the Best Company

When you choose Radiall, you're choosing a partner who has a commitment to invest in its people, future technologies and the environment, such as being RoHS (Restriction of Hazardous Substances) and REACH (Registration, Evaluation, Authorization and Restriction of Chemical substances) compliant. And, to better serve you and meet your immediate needs, we are everywhere you need us to be, with sales offices and subsidiaries throughout the world, R&D in the U.S., Europe and China along with manufacturing facilities strategically located in the U.S, Mexico, Europe, India, and China.

Simply Your Best Connection

When only the best will do and you need everything that's affordable from a company you can trust, Radiall is simply your best connection.

RADIALL

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telecom

N and 7/16 Composite Connections for Telecom Applications

RADIALL

Radiall's N and 7/16 Composite Connector Series...

Lightweight, corrosion free for better performance at a lower cost!



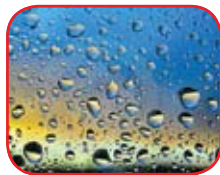
The Best Engineering Means the Best Cost Savings

Over four years ago, our experienced RF engineers worked with your engineers, allowing us to develop the innovative flange receptacle that

features outer housing composite technology designed for outdoor telecom applications.

Not only do the composite materials offer considerable performance advantages; but with a more than 50% reduction in weight, this receptacle reduces the overall weight of the final module as well as transportation costs.

In addition, it has been proven that when the receptacles were installed they could withstand the harshest environments ... corrosion on connectors is now a problem of the past. Many leading-equipment manufacturers have found cost savings of up to 30%!



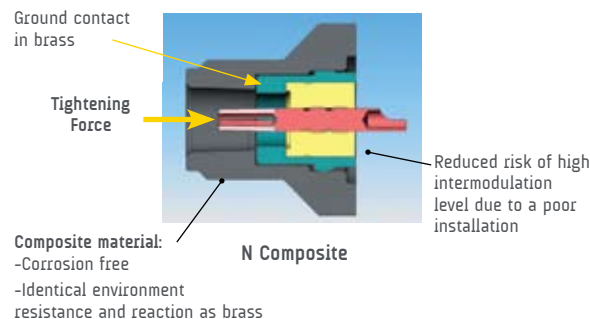
The Best Design to Do More

Designed to be installed in telecommunications equipment such as remote radio heads, antennas, filters and more; the modular design of these N and 7/16 connectors offer multiple

termination possibilities to fit many other applications using a standard composite outer housing.

The Best N and 7/16 Composite Connector Series

Radiall's N and 7/16 Composite Connector Series offers more than 20 variations of plugs, jacks and receptacles which



are a lightweight, low cost alternative to brass connectors. They are corrosion free, UV resistant and meet IEC 68-2-5 and IEC-68-2-9.

The unique single-piece design permits the contact pressure to be equally distributed by diverting the entire tightening torque force through pressure on the ground contact junction. This improves the intermodulation level, for example IMP3<-125dBm for 7/16 receptacles, and results in better stability than previous connector technology.

N Composite Connector Series

- Panel seal or a totally waterproof interface, even in non-mated conditions
- Standard color is black (additional colors upon request)
- Outstanding electrical performance with a low operating VSWR range, 1.14 max at 6 GHz.

