

RF/Microwave Coaxial Connector Care

Speaker/Author: Curtis Moss
curtis.moss@navy.mil

Co-Authors: Greg Miller (gregory.m.miller@navy.mil)

Abstract

An RF/Microwave measurement is only as good as the connections in that measurement. Cleanliness and careful handling of RF/Microwave coaxial connectors are critical for making repeatable and accurate measurements.

This paper will focus on the Type-N connector which is still the most common connector being used. Care and handling of cables, adapters, attenuators, and other passive devices, as well as standards such as signal generators and spectrum analyzers, will be discussed in this paper. Measurement data will be presented. Also discussed will be connector components and their critical dimensions.