

Coaxial Cable Connector Interface - Square Outer Conductor

SAE/USCAR-19 REVISION 2
August 2021



SAE/USCAR-19 REVISION 2

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COAXIAL CABLE CONNECTOR INTERFACE - SQUARE OUTER CONDUCTOR

RATIONALE

A technical review in June 2014 determined that no future updates will be made to this design. It has been used successfully, but not in high-enough volume to justify ongoing support.

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1. SCOPE

This radio frequency (RF) connector interface specification is suited for unsealed automobile applications up to 2 GHz. Dimensional requirements are specified in this document to ensure interchangeability. This RF connector interface specification is intended for in-line, board mount, device mount, straight or angled applications. Performance requirements are specified in SAE/USCAR-2, and in SAE/USCAR-17.

2. REFERENCES

SAE/USCAR-2 Performance Specification for Automotive Electrical Connector Systems

SAE/USCAR-17 Performance Specification for Automotive RF Connector Systems

The performance specs can be obtained from the following location:

SAE
400 Commonwealth Dr
Warrendale, PA 15096-0001
USA
<http://www.sae.org>

RAL RAL color charts are available from:
RAL
Sieburger Strasse 39
D-53757 Sankt Augustin
Telefon 0 22 41 - 16 05-0
Telefax 0 22 41 - 16 05-16
<http://www.muster-schmidt.de>