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NSAI Standards

Irish Standard
I.S. EN 4652-212:2015

Aerospace series - Connectors, coaxial, radio frequency - Part 212: Type 2, TNC interface - Clamp nut assembly version - Square flange receptacle - Product standard

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I.S. EN 4652-212:2015

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National Foreword

I.S. EN 4652-212:2015 is the adopted Irish version of the European Document EN 4652-212:2015, Aerospace series - Connectors, coaxial, radio frequency - Part 212: Type 2, TNC interface - Clamp nut assembly version - Square flange receptacle - Product standard

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 4652-212

September 2015

ICS 49.060

English Version

Aerospace series - Connectors, coaxial, radio frequency - Part 212: Type 2, TNC interface - Clamp nut assembly version - Square flange receptacle - Product standard

Série aérospatiale - Connecteurs coaxiaux pour radio fréquences - Partie 212: Type 2, interface TNC - Version à presse étoupe - Embase à collerette carrée - Norme de produit

Luft- und Raumfahrt - Koaxiale Hochfrequenz-Steckverbinder Teil 212: Typ 2, TNC-Schnittstelle - Anschluss mit Konusringverschraubung - Fester Steckverbinder mit quadratischem Montageflansch - Produktnorm

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European Foreword

This document (EN 4652-212:2015) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, prior to its presentation to CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2016, and conflicting national standards shall be withdrawn at the latest by March 2016.

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1 Scope

This European Standard specifies the characteristics of screwed on coupling (TNC interface) coaxial square flange receptacle – 50 ohms. The cable to connector assembly is a clamp technology.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 2591 [1], *Aerospace series — Elements of electrical and optical connection — Test methods*

EN 2812, *Aerospace series — Stripping of electric cables*

EN 4652-001, *Aerospace series — Connectors, coaxial, radio frequency — Part 001: Technical specification*

EN 4652-210, *Aerospace series — Connectors, coaxial, radio frequency — Part 210: Type 2, TNC interface — Clamp nut assembly version — Straight plug — Product standard* [2]

EN 9133, *Aerospace series — Quality management systems — Qualification procedure for aerospace standard parts*

TR 6058, *Aerospace series — Cable code identification list* [3]

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 4652-001 apply.

4 Required characteristics

— The connection technology shall comply to required tests described in Clause 5.

— Interface shall comply to EN 4652-001.

— Water ingress resistance is required in mated conditions for all cable groups.

— Water ingress resistance is required in unmated condition for cable group A.

1) All parts quoted in this European Standard.

2) Published as ASD-STAN Prestandard at the date of publication of this European Standard. http://www.asd-stan.org/

3) Published as ASD-STAN Technical Report at the date of publication of this European Standard. http://www.asd-stan.org/

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