



DOCUMENT CHANGE REQUEST

DCR number 204 Changes required for: Qualification
Date: 2005/10/20 Date sent: 2005/10/20
Status: IMPLEMENTED

Originator: Olivier PERAT
Organisation: CNES

Title: Cable,Spacewire, Round, quad using Symmetric Cables, Flexible, -200 to +180 deg.C

Number: 3902/003 Issue: 1

Other documents affected:

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para 4.4.7.2 page 14

Paragraph:

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para 4.4.7.2 page 14

Original wording:

Proposed wording:

Appendix 'B'
AGREED DEVIATIONS FOR AXON CABLE SAS (FR)
items affected : para 4.4.8
description of deviations : white insulator layer and blue insulator layer will be used for the two wire of the single symmetric cable. Different filler colors will be used to differentiate each single symmetric cables of the round cable : white, blue, red, black.

para 4.4.7.2
the wall tickness for the inner jackets shall be 0.15mm maximum and for the outer jacket 0.50mm maximum.

Justification:

Concerning colors of filler and wires :
To help the worker during the wiring, Axon proposes to manufacture the single symmetric wire with the following colours: one wire with white insulation one wire with blue insulation. In the same way, and to help the worker to quickly identify the single symmetric cable, Axons proposes to colour the fillers with the differents colour, as one in white, one in blue, one in red and the fourth in black. These modifications will contribute to increase the quality of wiring by deleting the risk of wrong wiring during integration for instance.

Concerning the thickness of the outer jacket :



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the wall thickness of the outer jacket seems to be too thin regarding the outer diameter. To increase the wall thickness will reduce the risk of damage the jacket during wiring or setting in the final equipment (ridge or bending radius).

Attachments:

N/A

Modifications:

N/A

Approval signature:

Date signed:

2005-10-20