



DOCUMENT CHANGE REQUEST

DCR number 1293 Changes required for: General

Date: 2019/11/22

Date sent: 2019/08/22

Originator: Lindsay Turot

Organisation: Axon Cable

Status: IMPLEMENTED

Title: High Data Rate Cable Assembly with Microminiature, Rectangular, Coaxial Connectors, based on

Number: 3409/001 Issue: 3

Other documents affected:

Page:

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Paragraph:

2.4

Original wording:

Crosstalk : -45dB for $f < 10\text{GHz}$, -35dB for $f < 5\text{GHz}$

Proposed wording:

Crosstalk : -35dB for $f < 10\text{GHz}$, -45 for $f < 5\text{GHz}$

Justification:

The crosstalk limits are inverted: for 5GHz, -35dB and for 10 GHz, -45dB.



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Paragraph:

Agreed deviations

Original wording:


-

Proposed wording:

Justification:

Axon also asks for 2 deviations:

- against chart F2 (production control): Para. 8.10 Anthony and Brown test. This test is performed on the conductor prior to cable manufacturing (test not performed on the finished cable)
- against chart F3 (screening tests): Para. 8.18 Coupling proof Torque. This test is only performed on cable assembly intended to be used to manufacture HDR cable assembly test vehicles used for qualification testing, periodic testing or lot validation testing.

Attachments:
N/A
Modifications:
<p>Para. 8.10, Anthony and Brown Test: This test shall be performed only on the conductor prior to cable manufacturing (it shall not be performed on the finished cable).</p> <p>Para. 8.18, Coupling Proof Torque: This test shall only be performed on cable assemblies intended to be used to manufacture HDR cable assembly test vehicles used for Qualification Testing, Periodic Testing or Lot Validation Testing.</p>
Approval signature:

Date signed:
2019-11-22