



Supplier Quality Requirements – Cable Assemblies

Document Number: SQR-Cable Assemblies
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Note: the requirements herein do not apply to fiber optic cables

1. WORKMANSHIP AND SPECIFICATIONS MANUAL

The CSW Workmanship and Specifications Manual is applicable to all CSW procurements unless otherwise specified in the Purchase Order, Drawing, or Subcontractor Statement of Work. The Manual may be identified on the L3 drawing as either the Workmanship and Specifications Manual, WSM-01, WSM, or S01.

It invokes CSW Workmanship Standards (WS-XXX), Internal Specifications (IS-XXX), and Specification 60083155 (Torque and Retention Requirements for Threaded Hardware), establishing design, manufacturing, and acceptance requirements. The manual may be accessed at [BCS Workmanship and Specification Manual / Internal Specifications | L3Harris Technologies, Inc.](#)

The applicable Internal Specifications and Workmanship Standards for this commodity are the following:

- IPC-A-620, Requirements and Acceptance for Cable and Wire Harness Assemblies
- IS-001, Use of Non-Specified Hardware/Material and Drawing Notes
- IS-003, Workmanship Acceptability of Electronic Assemblies
- IS-007, Elimination and Replacement of Obsolete and Cancelled Specifications
- IS-008, Material Number Suffix Configuration
- IS-010, Unique Identification Number (UID)
- WS-003, Cable and Harness Assembly
- WS-012, Marking, Engraving, and Labeling
- W-432, Practices for EMC-Electromagnetic Compatibility
- 60100697 Specification For DWV for Cable Assemblies
- 60102381 Interpreting L3 Cable Harness Drawings
- 60112799 Molding Design Requirements

2. PART MARKING

Cables and harnesses will be marked with tubular or wrap-around marker sleeves, and contain the information identified in the Identification Marking section of the SQR General Requirements.

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Revision History Summary

Revision #	Description of Change	Date
00	Initial Release.	1/08/2016
NA	Removed reference to WS-018. No revision upgrade necessary.	2/13/2019
NA	Updated hyperlink in section 1. No revision upgrade necessary.	2/20/2025