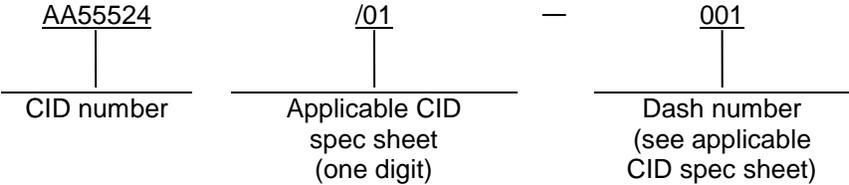


COMMERCIAL ITEM DESCRIPTION

SHUNT, INSTRUMENT
(EXTERNAL, 50 MILLIVOLT, LIGHTWEIGHT TYPE)

The General Services Administration has authorized the use of this commercial item description (CID), for all federal agencies.

- 1. SCOPE. This CID covers the general requirements for lightweight type, fifty (50) millivolt (mV) external, instrument shunts, to divert current away from sensitive electrical equipment, by means of an electrical path with low impedance and high heat dissipation. Shunts covered by this CID are intended for commercial/industrial applications.
- 2. CLASSIFICATION/PART OR IDENTIFICATION NUMBER (PIN). The following part or identification numbering procedure is for government purposes and does not constitute a requirement for the contractor. This CID uses a classification system, which is included in the PIN as shown in the following example (see 7.1).



3. SALIENT CHARACTERISTICS.

- 3.1 Interface and physical dimensions. Instrument shunts supplied to this CID shall be as specified on the applicable CID specification sheet.
- 3.2 CID specification sheet. The family of Instrument shunts shall be in accordance with the requirements specified herein and the applicable CID specification sheet. In the event of a conflict between this general CID and the applicable CID specification sheet, the latter shall govern.
- 3.3 Marking. Instrument shunts supplied to this CID shall be marked with the manufacturer's standard commercial PIN, mV rating, and current rating, as specified on the applicable CID sheet (see 6.1). (NOTE: The part number marked on the unit pack shall be the CID PIN.)

Since Navy-EC is the Navy custodian for this document, all Navy review activities should forward their comments directly to DLA Land and Maritime. Beneficial comments, recommendations, additions, deletions, clarifications, etc., and any data that may improve this document should be sent to: DLA-CC, DLA Land and Maritime, ATTN: VAI, P.O. Box 3990, Columbus, Ohio, 43218-3990 or emailed to sound@dsccl.dla.mil. Since contact information can change, you may want to verify the currency of this address information using the ASSIST Online database at <https://assist.daps.dla.mil>.

3.4 Recycled, recovered, or environmentally preferable materials. Recycled, recovered, or environmentally preferable materials should be used to the maximum extent possible, provided that the material meets or exceeds the operational and maintenance requirements and promotes economically advantageous life cycle costs.

3.5 Workmanship. Instrument shunts shall be processed in such a manner as to be uniform in quality and shall be free from other defects that will affect life, serviceability, or appearance.

4. REGULATORY REQUIREMENTS The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR) (see 7.4 for copies).

5. PRODUCT CONFORMANCE PROVISIONS.

5.1 Product conformance. The products provided shall meet the salient characteristics of this Commercial Item Description, conform to the producer's own drawings, specifications, standards, and quality assurance practices, and be the same product offered for sale in the commercial marketplace. The Government reserves the right to require proof of such conformance.

5.2 Market acceptability (MA). The following market acceptance criteria are necessary to document the quality of the product to be provided under this CID:

- a. The company producing the item must have been producing a product meeting the requirements of this CID for at least 2 years.

6. PACKAGING.

6.1 Preservation, packing, and marking. Preservation, packing, and marking (see 3.3) shall be as specified in the contract or order.

7. NOTES.

7.1 Part or Identification Number (PIN). The PIN should be used for Government purposes to buy commercial products to this CID. See section 2 for PIN format example.

7.1.1 Style and type designation cross-reference. Shunt cross-reference is specified in the applicable CID sheet.

7.1.2 Supersession data. A-A-55524 supersedes the following: MIL-S-61B, dated 21 October 1959; MS91586B, dated 3 August 1967; MS91587A, dated 4 April 1956; MS91588, dated 12 April 1957; and AN3200, dated 23 April 1954. For applicable supersession, see CID sheets.

7.2 Environmentally preferable material. Environmentally preferable materials should be used to the maximum extent possible to meet the requirements of this specification. As of the dating of this document, the U.S. Environmental Protection Agency (EPA) is focusing efforts on reducing 31 priority chemicals. The list of chemicals and additional information is available on their website <http://www.epa.gov/osw/hazard/wastemin/priority.htm>. Included in the EPA list of 31 priority chemicals are cadmium, lead, and mercury. Use of these materials should be minimized or eliminated unless needed to meet the requirements specified herein (see Section 3).

7.3 Commercial and Government Entity (CAGE) code. For ordering purposes, inventory control, and submission of these instrument shunts to DLA Land and Maritime under the Parts Management Advisory Team (PMAT) (formerly: Military Parts Control Advisory Group (MPCAG)) evaluation program, CAGE code 58536 should be used. For further information, contact DLA Land and Maritime, ATTN: VSC, Post Office Box 3990, Columbus, OH 43218-3990, or telephone (614) 692-0652.

7.4 Source of documents.

FEDERAL REGULATIONS

FAR – Federal Acquisition Regulations (FAR)

(Copies of these documents are available online at <https://www.acquisition.gov/Far/current/pdf/FAR.pdf> or from the U.S. Government Printing Office, 732 North Capital Street, NW, Washington D.C. 20401.)

7.5 Ordering data. The contract or order should specify the following:

- a. CID document number, revision, and CID PIN.
- b. Product conformance provisions.
- c. Packaging requirements.

7.6 Government Users. To acquire information on obtaining these instrument shunts from the Government inventory system, contact DLA Land and Maritime, ATTN: FMX, Post Office Box 3990, Columbus, OH 43218-3990, or telephone (614) 692-7790. Division Chief email: MaritimeSupplierOps.FMX@dla.mil, phone: DSN 850-3490 or COMM (614) 692-3490.

7.6.1 Material number (MN). The following table I is a list of MN (NSN's) assigned, which correspond to this CID. The list is for information only and may not be indicative of all possible NSN's associated with the CID. For up to date information on assigned MN's, please contact the aforementioned DLA Land and Maritime office (See 7.6).

TABLE I. Material numbers (MN).

Slash & Dash number AA55524/	Material number
01-001	6625-00-542-0606
01-002	6625-00-060-1213
01-003	6625-00-892-4342
01-004	6625-00-684-8095
01-005	6625-00-539-9638
01-006	6625-00-834-8954
01-007	6625-00-197-2365
01-009	6625-00-539-9637
01-010	6625-00-166-1002
02-001	<u>1/</u> 6625-01-322-1935
02-002	6625-00-166-1013
02-003	6625-00-818-3909
02-004	6625-00-166-1005
02-005	6625-00-720-2854
02-006	6625-00-555-2254
02-007	6625-00-555-2256
02-008	6625-01-086-0760
03-001	6625-00-557-0913
03-002	6625-00-857-7232
03-003	6625-00-540-8826

1/ This MN references obsolete MS91587-1 and there is no Current Procurement History Information found for MN: 6625-01-322-1935, as of this revision.

7.7 Key words.

CID number
 Current rating
 Divert current
 Heat dissipation
 Low impedance
 mV rating

7.8 Changes from previous issue. The margins of this CID are marked with vertical lines to indicate where changes from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous issue.

MILITARY INTERESTS:

Custodians:

Army - CR
Navy - EC
Air Force – 99
DLA – CC

Review activities:

Army - AR, MI
Air Force – 84

CIVIL AGENCY COORDINATING ACTIVITY:

GSA-7FXE

Preparing Activity:

DLA - CC

(Project 6625-2008-001)

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.daps.dla.mil>.