

Wire, Electrical

6145-01-059-7635

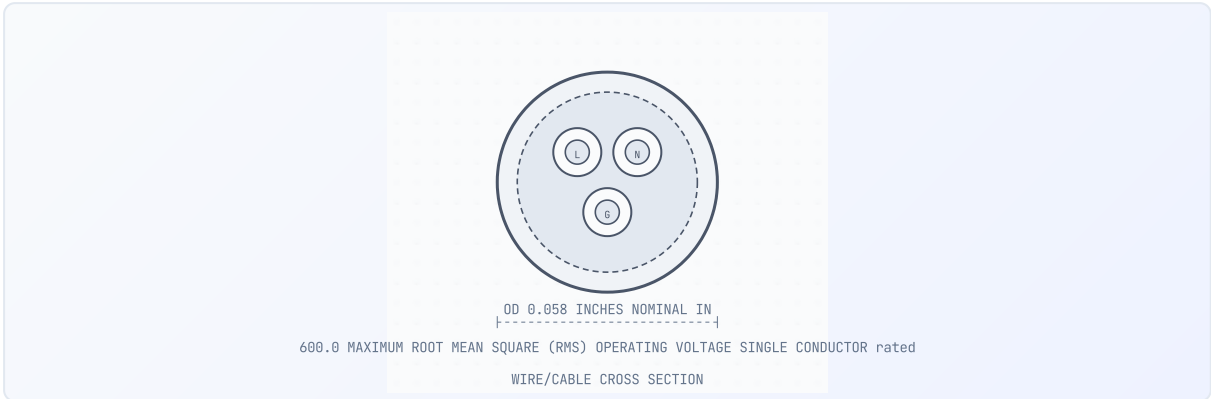
NSN 6145-01-059-7635 · NIIN 010597635

FSC 6145 — Wire and Cable, Electrical · FSG 61 — Electric Wire, Power, and Distribution Equipment

GOVERNMENT RECORD, CITED

ALSO SEARCHED AS 6145-01-059-7635 · 6145010597635 · NIIN 010597635 · 01-059-7635 · FSC 6145 Wire and Cable, Electrical · 1132016G703 · 1132016G703 · MIL-W-16878/4 · M16878/4BGB70

NEARBY STOCK NUMBERS ← 6145-01-059-7633 · 6145-01-059-7637 Wire, Electrical →



6145-01-059-7635 — WIRE AND CABLE, ELECTRICAL

FEATURES

- Wire,electrical — FSC 6145
- Round Conductor Size: 20 AWG SINGLE CONDUCTOR
- Temp Rating: 200.0 CELSIUS DEGC
- Voltage Rating: 600.0 MAXIMUM ROOT MEAN SQUARE (RMS) OPERATING VOLTAGE SINGLE CONDUCTOR
- Surface Treatment Document and Classification: ASTM B298 ASSN STD SINGLE TREATMENT RESPONSE CORE CONDUCTOR SINGLE CONDUCTOR
- Precious Material: SILVER
- Tracer Color: BLACK FIRST TRACER SINGLE CONDUCTOR
- Strand Awg Size Per Conductor: 28 SINGLE CONDUCTOR

IDENTIFICATION

- NSN: 6145-01-059-7635
- NIIN: 010597635
- FSC: 6145 — Wire and Cable, Electrical
- FSG: 61 — Electric Wire, Power, and Distribution Equipment

GENERAL DESCRIPTION

The Wire,electrical, cataloged under National Stock Number 6145-01-059-7635, is classified within Federal Supply Class 6145 (Wire and Cable, Electrical) of the Electric Wire, Power, and Distribution Equipment group. Government technical data includes 17 specifications, cited from the U.S. Government catalog. 4 additional reference

documents (drawings, advisory and superseded references) are recorded in the U.S. Government catalog. Current acquisition status: Active.

TECHNICAL SPECIFICATIONS

PARAMETER	VALUE
NSN	6145-01-059-7635
Item Name	Wire,electrical
FSC / FSG	6145 / 61 — Wire and Cable, Electrical
Status	ACTIVE
Round Conductor Size	20 AWG SINGLE CONDUCTOR
Temp Rating	200.0 CELSIUS DEGC
Voltage Rating	600.0 MAXIMUM ROOT MEAN SQUARE (RMS) OPERATING VOLTAGE SINGLE CONDUCTOR
Surface Treatment Document and Classification	ASTM B298 ASSN STD SINGLE TREATMENT RESPONSE CORE CONDUCTOR SINGLE CONDUCTOR
Precious Material	SILVER
Tracer Color	BLACK FIRST TRACER SINGLE CONDUCTOR
Strand Awg Size Per Conductor	28 SINGLE CONDUCTOR
Material Document and Classification	ASTM B298 ASSN STD SINGLE MATERIAL RESPONSE CORE CONDUCTOR SINGLE CONDUCTOR
Cross-Sectional Shape Style	ROUND
Conductor Form	STRANDED SINGLE CONDUCTOR
Strand Quantity Per Conductor	7 SINGLE CONDUCTOR
Color	VIOLET FIRST POSITION COVER SINGLE CONDUCTOR
Surface Treatment	SILVER CORE CONDUCTOR SINGLE CONDUCTOR
Precious Material and Location	SURFACE SINGLE CONDUCTOR SILVER
Cross Section Outside Diameter	0.058 INCHES NOMINAL IN
Material	PLASTIC POLYTETRAFLUOROETHYLENE FIRST POSITION PRIMARY INSULATION SINGLE CONDUCTOR
Material	COPPER CORE CONDUCTOR SINGLE CONDUCTOR

LIFECYCLE & COMPLIANCE

Acquisition Status	ACTIVE
DEMIL Code	DEMIL A — NO DEMILITARIZATION REQUIRED
Hazard	NO HAZARD CODE IN THE DLA RECORD (HMIC N)
Criticality Code	X

CROSS-REFERENCE INDEX

No manufacturer part numbers on file in the U.S. Government catalog.

REFERENCE DOCUMENTS

REFERENCE	MEANING
1132016G703	5/9 Secondary reference Itt Industries Inc Itt Aerospace Communications Div East

REFERENCE	MEANING
1132016G703	C/1 Advisory reference — outside the item-of-supply concept L3harris Technologies, Inc. Dba Harris Corporation
MIL-W-16878/4	4/1 Identification reference U.S. Government activity
M16878/4BGB70	2/2 Government specification standardization U.S. Government activity

FREQUENTLY ASKED QUESTIONS

What is NSN 6145-01-059-7635?

NSN 6145-01-059-7635 is a Wire,electrical, classified under FSC 6145, Wire and Cable, Electrical. Status: active.

What are the specifications of 6145-01-059-7635?

Key specifications for 6145-01-059-7635: Round Conductor Size: 20 AWG SINGLE CONDUCTOR; Temp Rating: 200.0 CELSIUS DEGC; Voltage Rating: 600.0 MAXIMUM ROOT MEAN SQUARE (RMS) OPERATING VOLTAGE SINGLE CONDUCTOR; Surface Treatment Document and Classification: ASTM B298 ASSN STD SINGLE TREATMENT RESPONSE CORE CONDUCTOR SINGLE CONDUCTOR. 17 specifications are documented in the U.S. Government catalog.

Is NSN 6145-01-059-7635 hazardous material?

No hazard code in the DLA record (HMIC N). Hazard information on this page is shown exactly as it appears in the DLA record.

SOURCES

U.S. Government catalog: edition PUBLOGDVD v12.0.0 (OCT 2026), edition date 2026-10-01, retrieved 2026-10-16.
U.S. Government catalog: edition PUBLOGDVD v12.0.0 (OCT 2026), edition date 2026-10-01, retrieved 2026-10-18.

PartsTable — the parts reference. Every fact cited to its source.

partstable.com/parts/6145-01-059-7635

✓ Data cited from the U.S. Government catalog; commercial cross-references from OEM and certified industry sources.


PartsTable Design LLC · partstable.com