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**REV.
C**

AS5756™/1

FEDERAL SUPPLY CLASS
6145

RATIONALE

AS5756/1 IS BEING STABILIZED BECAUSE THE PROCESSES/PRODUCT IS CONSIDERED MATURE AND THE COMMITTEE DOES NOT ANTICIPATE FUTURE TECHNICAL CHANGES. STABILIZATION DOES NOT IMPLY THE PROCESS OR PRODUCT IS UNACCEPTABLE FOR APPLICATIONS FOR WHICH IT IS DESIGNED. ANY TECHNICAL CHANGES NOTED BY A SUPPLIER OR USER WHICH RESULTS IN A PRODUCT OR REQUIREMENT CHANGE WILL BE ADDRESSED BY A NEW REVISION. THE CABLES ARE USED FOR REPLACEMENT ONLY. A QUALIFIED SUPPLIER IS STILL MAINTAINED.

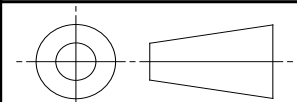
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For more information on this standard, visit
<https://www.sae.org/standards/content/AS5756/1C/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8D

PROCUREMENT SPECIFICATION: AS5756



AEROSPACE STANDARD

CABLE, POWER, ELECTRICAL, 600 VOLTS,
PORTABLE, SINGLE CONDUCTOR,
NON-OZONE RESISTANT

AS5756™/1

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NOTICE

THE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE LATEST ISSUE OF AS5756.

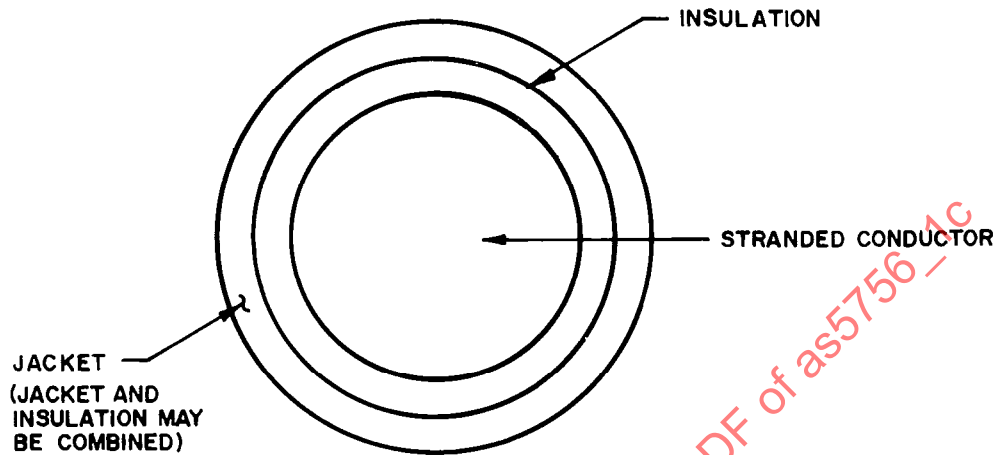


FIGURE 1 - CONDUCTOR EXAMPLE

REQUIREMENTS (REFER TO AS5756 AND TABLE 1):

1. CONSTRUCTION:
 - a. FIRST: COPPER CONDUCTOR (REFER TO TABLE 1 OF AS5756 FOR REQUIREMENTS). SIZES 10 AWG AND SMALLER SHALL BE TIN-COATED, SIZES 8 AWG AND LARGER SHALL BE UNCOATED.
 - b. SECOND: SEPARATOR, REQUIRED WHERE UNCOATED CONDUCTORS ARE USED, OPTIONAL WHERE TIN-COATED CONDUCTORS ARE USED.
 - c. THIRD: INSULATION OF SYNTHETIC OR NATURAL RUBBER (SEE TABLE 1 FOR THICKNESS), COLORED BLACK.
 - d. FOURTH: JACKET OF SYNTHETIC OR NATURAL RUBBER (SEE TABLE 1 FOR THICKNESS), COLORED BLACK. CABLE SURFACE MARKING REQUIRED.
 - e. INSULATION AND JACKET MAY BE COMBINED AT MANUFACTURER'S OPTION.
2. OZONE RESISTANCE: NOT REQUIRED.
3. CABLE TEMPERATURE RATING: -54 TO +90 °C (-65 TO +194 °F).

	AEROSPACE STANDARD	AS5756™/1 SHEET 1 OF 2	REV. C
	CABLE, POWER, ELECTRICAL, 600 VOLTS, PORTABLE, SINGLE CONDUCTOR, NON-OZONE RESISTANT		