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**REV.
B**

AS5382™/6

FEDERAL SUPPLY CLASS
6010

RATIONALE

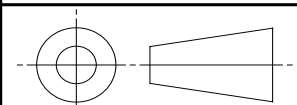
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THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8D

PROCUREMENT SPECIFICATION: NONE



AEROSPACE STANDARD

CABLE, FIBER OPTIC, MULTI-MODE,
200/230/500 μm,
STEP INDEX, TIGHT BUFFER

AS5382™/6

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Documents

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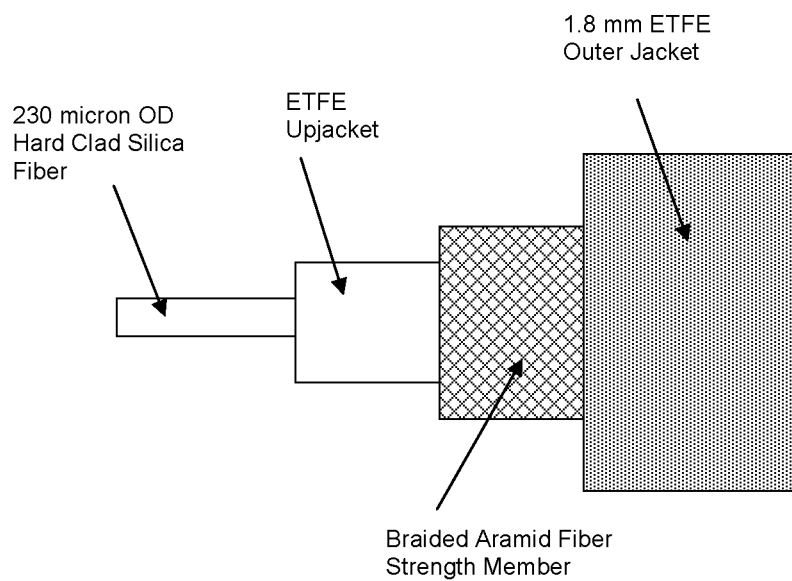


FIGURE 1 - CABLE CONFIGURATION

1. CONSTRUCTION DESCRIPTION

1.1 OPTICAL FIBER DIMENSIONS AND MATERIALS

CORE DIAMETER:	200 $\mu\text{m} \pm 4.0 \mu\text{m}$ (0.0078 IN $\pm$ 0.00016 IN)
CORE MATERIAL:	STEP INDEX SILICA GLASS
CLADDING DIAMETER:	230 +0, -10 μm (0.0091 +0, -0.0004 IN)
CLADDING MATERIAL:	HARD POLYMER (HCS)
CORE TO CLADDING ELLIPTICITY:	3% MAXIMUM
CORE TO CLADDING OFFSET:	5 μm MAXIMUM
HERMETIC COATED:	NO
PRIMARY COATING::	NO

	AEROSPACE STANDARD	AS5382™/6 SHEET 1 OF 4	REV. B
	CABLE, FIBER OPTIC, MULTI-MODE, 200/230/500 μm , STEP INDEX, TIGHT BUFFER		



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