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REV.
A

AS3655™

FEDERAL SUPPLY CLASS
5342

RATIONALE

METRIC DIMENSIONS DELETED, NEW NOTE ADDED FOR DISPOSITION OF EXISTING INVENTORY, FIGURE 1 RE-DRAWN WITH EDITORIAL UPDATES, EDITORIAL CHANGES THROUGHOUT.

AS3655A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

A REAFFIRMED STATUS IS GIVEN TO TECHNICAL REPORTS THAT HAVE BEEN REVIEWED BY THE TECHNICAL COMMITTEE AND DEEMED TO BE CURRENT WITH NO NEED FOR IMMEDIATE REVISION. NO CHANGES HAVE BEEN MADE TO THIS DOCUMENT AS A RESULT OF THIS REVIEW.

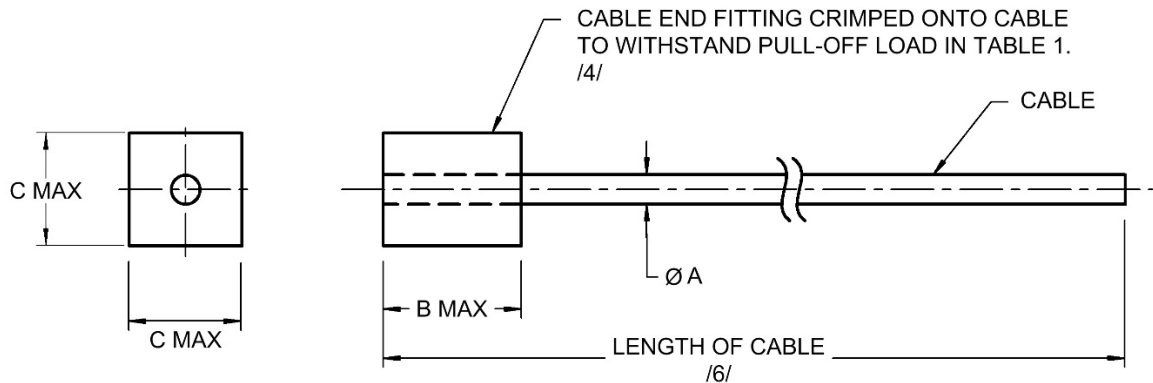


FIGURE 1 - SAFETY CABLE-END FITTING AND CABLE

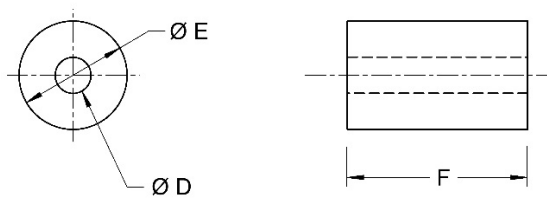


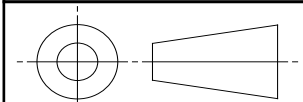
FIGURE 2 - FERRULE

TABLE 1 - PART NUMBERS, DIMENSIONS, CABLE TYPE, AND PULL-OFF LOAD

PART NUMBER /10/	ØA /5/	B MAX	C MAX	ØD	ØE	F	CABLE TYPE	PULL-OFF LOAD LBF MIN
AS3655-01XXX	.022-.026	.135	.085	.029-.032	.089-.091	.087-.095	STRAND 1X7	30
AS3655-02XXX	.032-.038	.135	.125	.043-.049	.104-.106	.156-.164	CABLE 3X7	70
AS3655-03XXX	.040-.046	.135	.125	.051-.057	.104-.106	.156-.164	CABLE 7X7	110
AS3655-04XXX	.062-.072	.190	.155	.077-.083	.149-.151	.245-.255	CABLE 7X19	280

For more information on this standard, visit
<https://www.sae.org/standards/content/AS3655A/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS4536



AEROSPACE STANDARD

CABLE, SAFETY, NICKEL ALLOY,
CORROSION RESISTANT
(UNS N06625)

AS3655™
SHEET 1 OF 3

REV.
A



Documents

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1. MATERIAL: CABLE, END FITTING, AND FERRULE - AMS5666, CORROSION RESISTANT NICKEL ALLOY (UNS N06625 CRES WIRE) CHEMICAL COMPOSITION ONLY.
2. PROCUREMENT SPECIFICATION: AS4536.
3. INSTALLATION IN ACCORDANCE WITH AS4536 AND AS567.
- 4/ CABLE END FITTING SHAPE OPTIONAL; HOWEVER, MUST BE WITHIN SPECIFIED ENVELOPE (B MAX AND C MAX).
- 5/ THE CUT END OF CABLE OR STRAND SHALL BE FUSED TO PREVENT UNRAVELING AND CAN BE UP TO .006 INCH ABOVE ACTUAL MEASURED DIAMETER. HOWEVER, THE MAXIMUM FUSED END DIAMETER SHALL NOT EXCEED .028 INCH, .042 INCH, .050 INCH, OR .076 INCH FOR SIZE CODES -01XXX, -02XXX, -03XXX, OR -04XXX RESPECTIVELY.
- 6/ LENGTH OF CABLE SHALL BE 3 INCH INCREMENTS; MINIMUM LENGTH AT 6 INCHES, MAXIMUM LENGTH AT 24 INCHES. TOLERANCE ON CABLE LENGTH IS ± 5 INCH.
7. MARK PART NUMBER AND MANUFACTURER IDENTIFICATION PER AS478 CLASS N.
8. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994.
9. DIMENSIONS ARE IN INCHES. PULL-OFF LOAD IS IN POUNDS-FORCE (LBF).
- 10/ EXAMPLE OF KIT PART NUMBER: FOR .032 INCH NOMINAL DIAMETER SAFETY CABLE AND FERRULE, 9 INCH LONG CABLE AND FERRULE.

EXAMPLE OF A SAFETY CABLE PART NUMBER: FOR .032 IN NOMINAL DIAMETER SAFETY CABLE 9 INCH LONG.

EXAMPLE OF A FERRULE PART NUMBER: FOR .032 IN NOMINAL DIAMETER SAFETY CABLE.

	AEROSPACE STANDARD	AS3655™ SHEET 2 OF 2	REV. A
	CABLE, SAFETY, NICKEL ALLOY, CORROSION RESISTANT (UNS N06625)		