

FED. SUPPLY CLASS

1640

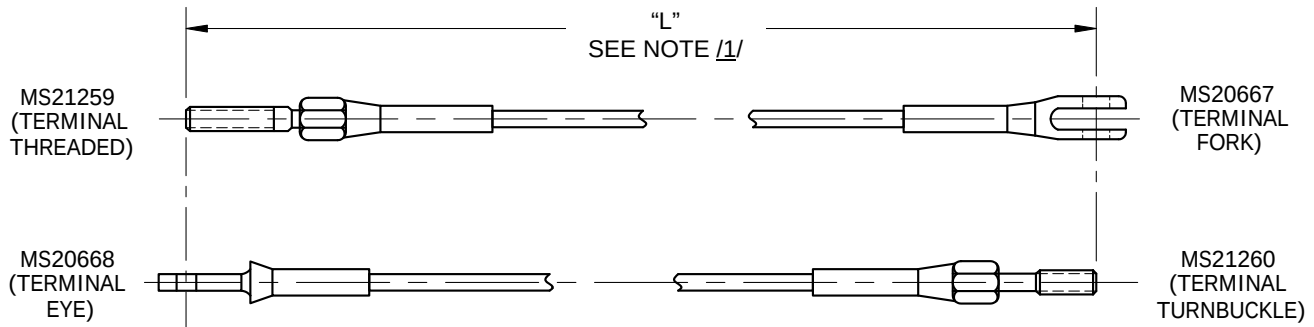


TABLE I – CABLE ASSEMBLY PART NUMBER COMBINATIONS

BASIC PART NUMBER	CABLE SIZE (DIA)	TERMINAL SIZE (DASH NO.)	FIRST DASH NUMBER (TERMINAL COMBINATIONS)										SECOND DASH NUMBER (LENGTH)	
			* SEE NOTE <u>12</u>	MS21259**RH	MS21259**LH	MS20667**	MS20668**	MS21260**L*RH	MS21260**L*LH	MS21260**S*RH	MS21260**S*LH	MS21260**RH		MS21260**LH
NAS302	1/16	2	MS21259**RH	00				FOR USE IN NAS303		FOR USE IN NAS302		FOR USE IN NAS307 THRU NAS310 ASSEMBLES ONLY		LENGTH GIVEN IN INCHES AND 1/8 INCH INCREMENTS
NAS303	3/32	3	MS21259**LH	01	11			THRU NAS306		THRU NAS 306				
NAS304	1/8	4	MS20667**	02	12	22		ASSEMBLIES		ASSEMBLIES				
NAS305	5/32	5	MS20668**	03	13	23	33			ONLY				
NAS306	3/16	6	MS21260**L*RH	04	14	24	34	44	55					
NAS307	7/32	7	MS21260**L*LH	05	15	25	35	45	55					
NAS308	1/4	8	MS21260**S*RH	06	16	26	36	46	56	66				
NAS309	9/32	9	MS21260**S*LH	07	17	27	37	47	57	67	77			
NAS310	5/16	10	MS21260**RH	08	18	28	38					88		
			MS21260**LH	09	19	29	39					89	99	

EXAMPLE PART NO.

NAS304-67-1550

DIAMETER _____
1/8 DIA CABLE

MATERIALS _____
CABLE, STEEL (CARBON)
TERMINALS, STEEL (CRES)

SECOND DASH NUMBER
1/8 INCH INCREMENTS
155 INCHES

CABLE CONSTRUCTION
7x7 or 7x19 or 3x7

FIRST DASH NUMBER
(TERMINAL COMBINATIONS)
MS21260S4 LH TERMINAL, TURNBUCKLE
MS21260S4 RH TERMINAL, TURNBUCKLE

LENGTH "L"

⑥ COMPLETELY REVISED

*, SEE NOTE 2/

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 6
PROCUREMENT SPECIFICATION NONE	TITLE CABLE ASSEMBLY, SWAGED TYPE, TYPE I TERMINALS	CLASSIFICATION PART STANDARD
		NAS302 THRU NAS310 SHEET 1 OF 2

MATERIALS, CABLE & TERMINALS

- NO CODE LETTER - INDICATED BY DASH ONLY
CABLE, STEEL (CARBON), FLEXIBLE, PREFORMED MIL-DTL-83420 TYPE I, COMP. A. AND
TERMINALS, STEEL (CRES), TYPE I.
- CODE LETTER "F" - CABLE, STEEL (CARBON), FLEXIBLE, PREFORMED MIL-DTL-83420 TYPE I, COMP. A. AND
TERMINALS, STEEL (CARBON), TYPE I.
- CODE LETTER "R" - CABLE, STEEL (CRES), FLEXIBLE, PREFORMED, MIL-DTL-83420 TYPE I, COMP. B. AND TERMINALS,
STEEL (CRES) TYPE I.

TERMINAL MATERIAL AND FINISH SHALL CONFORM TO THE REQUIREMENTS OF MIL-DTL-781.

CABLE CONSTRUCTION

- NO CODE LETTER - INDICATED BY DASH ONLY
7x7 OR 7x19 CONSTRUCTION
- CODE LETTER "D" - 7x7 CONSTRUCTION
- CODE LETTER "E" - 7x19 CONSTRUCTION
- CODE LETTER "G" - 3x7 CONSTRUCTION

FINISH - IMMERSE NONCORROSION-RESISTANT CABLE ASSEMBLIES IN COMPOUND CONFORMING TO MIL-
PRF-16173, GRADE 2.

TOLERANCES -

L =	0 to 240 INCHES, INCL $\pm .12$	L =	OVER 720 TO 1080 INCHES, INCL $\pm .38$
L =	OVER 240 TO 480 INCHES, INCL $\pm .20$	L =	OVER 1080 INCHES $\pm .50$
L =	OVER 480 TO 720 INCHES, INCL $\pm .25$		

NOTES

- 1/ ILLUSTRATION INDICATES MEASUREMENT POINTS FOR CODED LENGTH.
- 2/ AN ASTERISK "*" INDICATES LOCATION OF TERMINAL SIZE DASH NUMBER FOR
PARTICULAR CABLE SIZE AND/OR THE MATERIAL CODE LETTER.
- (3) SWAGING TO BE IN ACCORDANCE WITH MIL-DTL-6117.
- (4) PROOF TESTING OF SWAGED ASSEMBLIES TO BE IN ACCORDANCE WITH MIL-DTL-5688.
- (5) DIMENSIONS IN INCHES.
- (6) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (7) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS
REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED
AND USED UNTIL STOCK IS DEPLETED
- (8) UNLESS OTHERWISE SPECIFIED, REFERENCED DOCUMENTS SHALL BE THE ISSUE IN
EFFECT ON DATE OF MANUFACTURE. HOWEVER, EXISTING MATERIAL INVENTORY
CERTIFIED TO A PREVIOUS REVISION OF THE APPLICABLE MATERIAL
SPECIFICATION(S) IS ACCEPTABLE FOR USE UNTIL DEPLETION.
- (9) DIMENSIONING AND TOLERANCING PER ASME Y14.5M – 2009.

⑥ COMPLETELY REVISED

REVISION
6
NAS 302 THRU NAS 310
SHEET 2



Documents

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