

This military standard has been approved by the Naval Ship Engineering Center, Department of the Navy and is mandatory for use by that activity. All other military activities are required to employ this standard where suitable.

FED. SUP CLASS  
5935

**TABLE II**

CLAMP SIZE	CABLE RANGE		H MAX	J MAX	Z MAX
	MAX	MIN			
3	.210	.157	2.7	1.187	.720
4	.312	.187	2.8	1.250	.800
6	.437	.281	3.2	1.375	.900
8	.562	.387	3.3	1.625	1.025
10	.625	.512	3.6	1.750	1.175
12	.750	.575	3.8	2.062	1.370
16	.937	.700	4.1	2.312	1.750
20	1.250	.887	4.3	2.625	2.000
24	1.375	1.200	4.6	2.875	2.200
28	1.625	1.325	5.7	3.500	2.500
32	1.875	1.575	6.0	3.875	2.750
40	2.250	1.875	6.3	4.625	3.250

**TABLE I**

SHELL SIZE	A THREAD CLASS 2B LEFT HAND	B DIA. ±.010	C DIA. ±.010	D DIM. MIN	E DIM. ±.010	F DIM. ±.016	L THREAD - 0.1P - 0.2L-DS	Q LENGTH
12	3/4 -20 UNEF	.938	.526	1.415	1.690	.479	.8750	5.00
14	7/8 -20 UNEF	1.062	.651	1.415	1.690	↑	1.0000	↑
16	1 -20 UNEF	1.188	.770	1.595	1.870	↑	1.1250	↑
18	1-1/8 -18 NEF	1.312	.895	↑	↑	↑	1.2500	↑
20	1-1/4 -18 NEF	1.438	1.020	↑	↑	↑	1.3750	5.00
22	1-3/8 -18 NEF	1.562	1.185	↑	↑	↑	1.5000	6.00
24	1-5/8 -18 NEF	1.812	1.435	↑	↑	↑	1.7500	↑
28	1-7/8 -16 UN	2.062	1.675	↑	↑	↑	2.0000	↑
32	2-1/16 -16 N	2.312	1.865	↑	↑	↑	2.2500	↑
36	2-5/16 -16 N	2.562	2.115	↑	↑	.479	2.5000	↑
40	2-5/8 -16 UN	2.875	2.405	1.595	1.870	.667	2.7500	6.00

(Project 5935-N3738b)

P.A. SH Other Cust	TITLE <b>ADAPTER (RIGHT ANGLE) R.F.I. AND ENVIRONMENTAL FOR CABLE TO CONNECTOR</b>	<b>MILITARY STANDARD</b>
PROCUREMENT SPECIFICATION MIL-C-22992	SUPERSEDES	<b>MS</b> 16224(SHIPS)
		SHEET 1 OF 2

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## REQUIREMENTS:

- ADAPTERS ARE FOR USE WITH CLASS R, C, AND J CONNECTORS TO THE CONFIGURATIONS OF MS17343, MS17344, MS17345, and MS17347.
- IN ORDER TO INSURE EFFECTIVE GROUNDING, ADAPTER IS FURNISHED WITH CONDUCTIVE FINISH ONLY. (SEE NOTE A)
- ADAPTER SHALL BE DESIGNATED AS A OR B. TYPE A IS FOR USE WITH CONNECTOR MS17344, TYPE B IS FOR USE WITH CONNECTORS MS17343, MS17345, and MS17347. ADAPTER, CAP AND CHAIN IS CONSIDERED A COMPLETE ASSEMBLY.
- PART NUMBER SHALL INCLUDE: CONNECTOR SHELL SIZE, AND CLAMP SIZE AS SHOWN IN THE EXAMPLE BELOW:

MS 18224 -36-16 A

MS NUMBER      PROTECTIVE COVER TYPE

CONNECTOR SHELL SIZE      CLAMP SIZE

- CHAIN SHALL BE PASSIVATED STAINLESS STEEL IN ACCORDANCE WITH TYPE II, CLASS 3, TRADE NUMBER 8 OF RR-C-271 AND SHALL BE WITHIN ONE LINK OF THE LENGTH SPECIFIED.
- RIGHT ANGLE ADAPTER IS CLOCKED TO THE TRANSITION ADAPTER IN 30° INCREMENTS.

## NOTES:

- FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
- REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.
- ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ±.016.
- IT IS INTENDED THAT CONNECTORS AND THEIR ASSOCIATED ACCESSORIES BE OF THE SAME FINISH.

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APPROVED 28 November 1965. REVISED

P.A. SR Other Cust	TITLE ADAPTER (RIGHT ANGLE) R.F.I. & ENVIRONMENTAL FOR CABLE TO CONNECTOR	MILITARY STANDARD MS 18224(SHIPS)
PROCUREMENT SPECIFICATION MIL-C-2 2992	SUPERSEDES:	SHEET 2

DD FORM 672-1N LIMITED COORDINATION

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.