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REVIEWER AIR FORCE-82

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<p>MS27603-1, 60 Hz, 115 V, 1<math>\phi</math></p>		FED SUP CLASS 6150
<p>MS27603-2, ADAPTER, 400 Hz, 115 V, 1<math>\phi</math></p>		
<p>MS27603-3, 400 Hz, 115/200 V, 3<math>\phi</math></p>		
<p>MS27603-4, 28 V DC</p>		
<p>PART (11)-BOX CONNECTOR (ADAPTER): UNNECESSARY DUE TO UP-DATED CONNECTOR PARTS.</p> <p>INACTIVE FOR NEW DESIGN. FOR NEW DESIGN USE MIL-T-28800. (B) CANCELLED AS OF 12 NOV 87</p>		
P A Other Cust	AIR FORCE-11 MIL-T-21200	CABLE ASSEMBLIES, POWER, ELECTRONIC TEST EQUIPMENT, 10 AMPS MAX. MS21993 (ASG) FOR AIR FORCE USE
MILITARY STANDARD <b>MS 27603 (USAF)</b>		1 2

DD FORM 672-1 (Rev. 1-67)

Project 6150-F211

APPROVED 13 JUL 1970  
REVISED (A) 23 August 1983  
(B) 12 NOV 87

FED. SUP CLASS

6150

ITEM	DESCRIPTION	PART	SPECIFICATION
1	CONNECTOR, PLUG (PIVOTED GROUNDING BLADE), POLARIZED	7545315	MIL-C-3767
2	CONNECTOR, PLUG	MS3456(18-9P)	MIL-C-5015
3	CONNECTOR, THREE WIRE CORD	WC596/14-2	W-C-596
4	CLAMP, CABLE, ELECTRICAL CONNECTOR	MS3417-18N	
5	CABLE, PORTABLE-POWER	CO-03MGF(3/14) 0430	MIL-C-3432
6	CABLE, PORTABLE-POWER	CO-05MGF(5/14) MIL-C-3432-0610	
7	CABLE, PORTABLE-POWER	CO-02MGF(2/14) 0400	
8	TERMINAL	MS25036-108	MIL-T-7928
9	CABLE MARKING IDENTIFICATION		SEE NOTE 10
10	BUSHING	MS3420-10	

## NOTES:

1. CABLE ASSEMBLIES ARE PRIMARILY FOR USE IN CONNECTING ELECTRONIC TEST EQUIPMENT TO THE AIRCRAFT POWER RECEPTACLE WIRED IN ACCORDANCE WITH MS24435.
2. MS27603-2 IS AN ADAPTER CABLE USED WITH MS27603-1 CABLE FOR 400 HZ, SINGLE PHASE POWER.
3. TEST EQUIPMENT DESIGNED FOR 60 HZ, SINGLE PHASE POWER ONLY SHALL BE PROVIDED WITH MS27603-1 CABLE.
4. TEST EQUIPMENT DESIGNED FOR 60 AND 400 HZ, SINGLE PHASE POWER SHALL BE PROVIDED WITH A MS27603-2 ADAPTER AND A MS27603-1 CABLE.
5. TEST EQUIPMENT DESIGNED FOR USE WITH 400 HZ, THREE PHASE POWER ONLY SHALL BE PROVIDED WITH MS27603-3 CABLE.
6. TEST EQUIPMENT DESIGNED FOR USE WITH 28 V, D-C POWER SHALL BE PROVIDED WITH MS27603-4 CABLE.
7. TEST EQUIPMENT DESIGNED FOR USE WITH 400 HZ, SINGLE PHASE POWER ONLY SHALL BE PROVIDED WITH MS27603-1 CABLE MODIFIED AS FOLLOWS:  
SUBSTITUTE ITEMS 2, 4, AND 11, IN LIEU OF 1.
8. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS SPECIFIED HEREIN.
9. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BIDS.
10. CABLE MARKING IDENTIFICATION SHALL BE MOLDED OR STAMPED ON A SLEEVE TYPE MARKER WHICH SHALL BE PERMANENTLY ATTACHED TO THE CABLE.

REVIEWER:  
AIR FORCE - 82

This standard has been approved by the Department of the Air Force and is mandatory for use by that activity. All other military activities are requested to comply with this standard where applicable.

P.A. AIR FORCE - 11	TITLE	MILITARY STANDARD
Other Code	CABLE ASSEMBLIES, POWER, ELECTRONIC TEST EQUIPMENT, 10 AMPS MAX.	MS27603(USAF)
PROCUREMENT SPECIFICATION MIL-T-21200	SUPERSEDES: MS21993 (ASG) FOR AIR FORCE USE	SHEET 2 OF

DD FORM 672-1 (Limited circulation)

CONTINUE ON 1 OF 2 IF NOT ON USED

APPROVED 13 JULY 1970 REVISED A 23 August 1983