

**REV.
A**

AS81824™/5

FEDERAL SUPPLY CLASS
5940

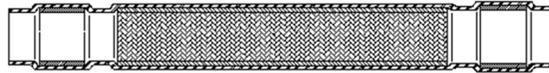
RATIONALE

REWRITTEN TO SAE REQUIREMENT FROM THE ORIGINAL MILITARY SPECIFICATION COPY.

NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS81824.

THE ASSEMBLIES COVERED BY THIS SPECIFICATION SHEET CONSIST OF ONE SHIELD SPLICE IN ACCORDANCE WITH AS81824/4 AND ONE OR MORE PRIMARY WIRE SPLICES IN ACCORDANCE WITH AS81824/1. THE CONTENTS OF THE ASSEMBLIES SHALL BE IN ACCORDANCE WITH TABLE 1.



SHIELD SPLICE PER AS81824/4



CONDUCTOR SPLICE PER AS81824/1

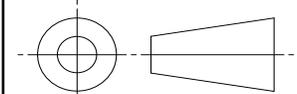
FIGURE 1 - SPLICES

TABLE 1 - ASSEMBLY CONTENTS AND RECOMMENDED USE RANGES

PART NUMBER	AS81824/1 COLOR CODE (REF)	CABLE PARAMETERS		ASSEMBLY COMPONENTS		
		NUMBER OF CONDUCTORS	CONDUCTOR SIZE RANGE	CONDUCTOR SPLICE PART NO.	QTY	SHIELD SPLICE PART NO.
M81824/5-1	RED	1	26-24-22-20	M81824/1-1	1	M81824/4-1
M81824/5-2	BLUE	1	20-18-16	M81824/1-2	1	M81824/4-2
M81824/5-3	YELLOW	1	16-14-12	M81824/1-3	1	M81824/4-3
M81824/5-4	RED	2	26-24-22-20	M81824/1-1	2	M81824/4-5
M81824/5-5	BLUE	2	18-16	M81824/1-2	2	M81824/4-6
M81824/5-6	YELLOW	2	14	M81824/1-3	2	M81824/4-6
M81824/5-7	YELLOW	2	12	M81824/1-3	2	M81824/4-7
M81824/5-8	RED	3 OR 4	26-24	M81824/1-1	4	M81824/4-5
M81824/5-9	RED	3 OR 4	22-20	M81824/1-1	4	M81824/4-6
M81824/5-10	BLUE	3 OR 4	18-16	M81824/1-2	4	M81824/4-6
M81824/5-11	YELLOW	3 OR 4	14-12	M81824/1-3	4	M81824/4-7

For more information on this standard, visit
<https://www.sae.org/standards/content/AS81824/5A/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C2

PROCUREMENT SPECIFICATION: AS81824



AEROSPACE STANDARD

(R) SPLICES, ELECTRIC, PERMANENT, CRIMP/SOLDER STYLE, COPPER, INSULATED, ENVIRONMENT RESISTANT, KIT, SHIELDED CABLE, 150 °C

AS81824™/5
SHEET 1 OF 2

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ISSUED 2004-04 REAFFIRMED 2012-01 REVISED 2022-08