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REV. B
AS85485™/7

FEDERAL SUPPLY CLASS
6145

RATIONALE

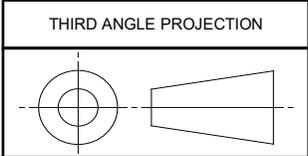
AS85485/7 IS BEING STABILIZED BECAUSE THE COMMITTEE DOES NOT ANTICIPATE FUTURE TECHNICAL CHANGES. FILTERLINE CABLES ARE CONSIDERED WELL-ESTABLISHED PRODUCTS. QUALIFIED SUPPLIERS ARE STILL MAINTAINED. REFERENCE CHANGES NOTED BY THE SUPPLIERS WHICH RESULTS IN A PRODUCT CHANGE WILL BE ADDRESSED BY A NEW REVISION.

STABILIZED NOTICE

THIS DOCUMENT HAS BEEN DECLARED "STABILIZED" BY THE SAE AE-8D WIRE AND CABLE COMMITTEE AND WILL NO LONGER BE SUBJECTED TO PERIODIC REVIEWS FOR CURRENCY. USERS ARE RESPONSIBLE FOR VERIFYING REFERENCES AND CONTINUED SUITABILITY OF TECHNICAL REQUIREMENTS. NEWER TECHNOLOGY MAY EXIST.

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<https://www.sae.org/standards/content/AS85485/7B/>



CUSTODIAN: AE-8/AE-8D		PROCUREMENT SPECIFICATION: AS85485	
	AEROSPACE STANDARD		AS85485™/7
	CABLE, ELECTRIC, FILTER LINE, UNSHIELDED, UNJACKETED, MULTIPLE-COMPONENT, RADIO FREQUENCY ABSORPTIVE, 150 °C, 600-VOLT		

ISSUED 2004-06 REVISED 2016-05 STABILIZED 2021-07

NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS85485.

COMPONENT WIRES
M85485/5 TIN-COATED COPPER CONDUCTOR (SIZE 22-14)
 OR
**M85485/6 SILVER-COATED HIGH-STRENGTH COPPER
 ALLOY CONDUCTOR (SIZE 24)**



FIGURE 1 – TYPICAL AS85485/7 CONFIGURATION

TABLE 1 – CONSTRUCTION DETAILS

PART NO. 1/	CONDUCTOR SIZE	NUMBER OF COMPONENTS	OUTSIDE DIAMETER (INCHES)		MAXIMUM WEIGHT (LB/1000 FEET)
			(NOM)	(MAX)	
M85485/7-24*2A	24	2	.112	.118	8.0
M85485/7-22*2A	22	2	.124	.130	10.4
M85485/7-20*2A	20	2	.140	.147	14.3
M85485/7-18*2A	18	2	.160	.168	19.8
M85485/7-16*2A	16	2	.172	.181	23.9
M85485/7-14*2A	14	2	.200	.210	33.9
M85485/7-24*3A	24	3	.121	.127	11.9
M85485/7-22*3A	22	3	.134	.141	15.6
M85485/7-20*3A	20	3	.151	.159	21.4
M85485/7-18*3A	18	3	.173	.182	29.7
M85485/7-16*3A	16	3	.186	.195	35.8
M85485/7-14*3A	14	3	.216	.227	50.8
M85485/7-24*4A	24	4	.136	.162	15.9
M85485/7-22*4A	22	4	.150	.179	20.8
M85485/7-20*4A	20	4	.169	.202	28.6
M85485/7-18*4A	18	4	.194	.231	39.6
M85485/7-16*4A	16	4	.208	.248	47.7
M85485/7-14*4A	14	4	.242	.289	67.7
M85485/7-24*5A	24	5	.151	.176	19.9
M85485/7-22*5A	22	5	.167	.195	26.0
M85485/7-20*5A	20	5	.189	.221	35.7
M85485/7-18*5A	18	5	.216	.252	49.5
M85485/7-16*5A	16	5	.232	.244	59.7
M85485/7-14*5A	14	5	.270	.315	84.7

1/ PART NO.: THE ASTERISKS IN THE PART NUMBER COLUMN SHALL BE REPLACED BY COMPONENT CONSTRUCTION TYPE DESIGNATORS. SEE CABLE IDENTIFICATION MARKING.

	AEROSPACE STANDARD	AS85485™/7 SHEET 1 OF 3	REV. B
	CABLE, ELECTRIC, FILTER LINE, UNSHIELDED, UNJACKETED, MULTIPLE-COMPONENT, RADIO FREQUENCY ABSORPTIVE, 150 °C, 600-VOLT		

