

User activities:

Review activities:
Air Force - 77This military standard is approved for use by Directorate of Electronic Support
(AFMSS/ETC), Department of the Air Force, and is available for
use by all Departments and Agencies of the Department of Defense

MS PART NUMBER	CONNECTOR CONTACT SIZE	A DIA	B DIA	C	D	CL OR COLE	SUPERSEDED BY
MS27186-1	20	.066 .060	.085 .080	.125 .110	.686 .670	RED	MS27488A20
-2	16	.082 .076	.093 .087	.451 .439	.940 .934	WHITE	MS27488A16
-3	50 Ω COAX	.088 .082	.119 .113	.394 .382	.919 .907	WHITE	MS27488A12

(E)

MATERIAL: POLYTETRAFLUOROETHYLENE EXTRUDED STOCK, MECHANICAL GRADE.
ALL DIAMETERS TO BE CONCENTRIC WITH EACH OTHER WITHIN .0001 IN.
DIMENSIONS IN INCHES, UNLESS OTHERWISE SPECIFIED. TOLERANCE ANGLES 45°.
THIS ITEM IS FOR USE WITH MIL-STD-883C, MIL-STD-883D, AND MIL-STD-883E.

(B) CANCELLED - FOR PROCUREMENT USE MS27488.

(B) Denotes change.

P.A. AIR FORCE -85 Other Code	Interchangeable Feature	TITLE PLUG, END SEAL. ELECTRICAL CONNECTOR, SIZE 16, 20, AND 50 Ω COAXIAL	MILITARY STANDARD MS 27186 (USAF)
Procurement Specification NONE		SUPERSEDES	PAGE 1 OF 1

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