



The wire and cable identified below are intended as an overview of our capability in military and commercial aerospace wire and cable. For a more comprehensive list or for additional information please do not hesitate to contact us.

# Mil/Aerospace Wire

## Stocked Wire and Cable Overview

Platform	Abbreviation	Part Number	Screen & Jacket	Wire Description	AWG	Temp. Range
AIRBUS	DR	<b>EN2267-010A</b>	NO	Single, nickel plated Cu/polyimide/PTFE tapes, 600v rms - Equipment wire	26 to 2	-65°C to 260°C
	DRB	<b>EN2267-009B</b>	NO	As above, but twisted pair - Equipment wire	26 to 4	-65°C to 260°C
	MLA	<b>EN2714-013A</b>	YES	Single, EN2267 screened and jacketed, 600v rms - Equipment wire	26 to 10	-65°C to 260°C
	MLB	<b>EN2714-013B</b>	YES	As above but twisted pair - Equipment wire	26 to 10	-65°C to 260°C
	AD	<b>ABS0949</b>	NO	Single, nickel plated aluminium - Power feeder, 600v rms	3 to 000	-65°C to 260°C
	Also available to order DRC, DRD, MLC, MLD, MME, MMF and MMG please contact us for details.					
BOEING	BMS	<b>BMS 13-48 Type 8</b>	NO	Single, tin plated Cu, XL-ETFE, 600v rms - Airframe wire	24 to 0000	-65°C to 150°C
	BMS	<b>BMS 13-48 Type 10</b>	NO	Single, tin plated Cu, XL-ETFE, 600v rms - Equipment wire	24 to 0000	-65°C to 150°C
	BMS	<b>BMS 13-60 Type 01</b>	NO	Single, tin plated Cu, Kapton/PTFE tapes, 600v rms - Equipment wire	22 to 0000	-65°C to 150°C
Also available to order other wires in the BMS 13-48, 13-55, 13-58, 13-60, 13-65, 13-67, 13-71, 13-72, 13-78, 13-80, 13-83 wire and cable range, please contact us for details.						
MIL Spec	M22759	<b>M22759/32</b>	NO	Single, tin plated Cu, XL-ETFE, 600v rms - Equipment wire	30 to 12	-65°C to 150°C
	M22759	<b>M22759/34</b>	NO	Single, tin plated Cu, XL-ETFE, 600v rms - Airframe wire	24 to 00	-65°C to 150°C
	M22759	<b>M22759/16</b>	NO	Single, tin plated Cu, ETFE, 600v rms - Airframe wire	24 to 00	-65°C to 150°C
	M22759	<b>M22759/8</b>	NO	Single, nickel plated Cu, mineral filled PTFE, 600v rms - Equipment wire	24 to 8	-65°C to 260°C
	M22759	<b>M22759/80-92</b>	NO	Composite wires, Oasis T film Polyamide + PTFE tapes, 600v rms	Varies by / sheet	-65°C to ≤260°C
	M22759	<b>M22759/180-192</b>	NO	as /80-92 but with 'notch' resistant tapes	Varies by / sheet	-65°C to ≤260°C
	M27500	<b>M27500</b>	Screened/unscreened	Combination of wire / sheets to make up multicore cables, 600v rms - Airframe	Various	Various
	M81044	<b>M81044/12</b>	NO	Single, tin plated Cu, XL-PVDF, 600v rms - Equipment wire	30 to 12	-65°C to 150°C
	M81044	<b>M81044/9</b>	NO	Single, tin plated Cu, XL-PVDF, 600v rms - Airframe wire	24 to 00	-65°C to 150°C
For more information relating to the part number construction for M275000 wire and cable please refer to reverse of this sheet.						

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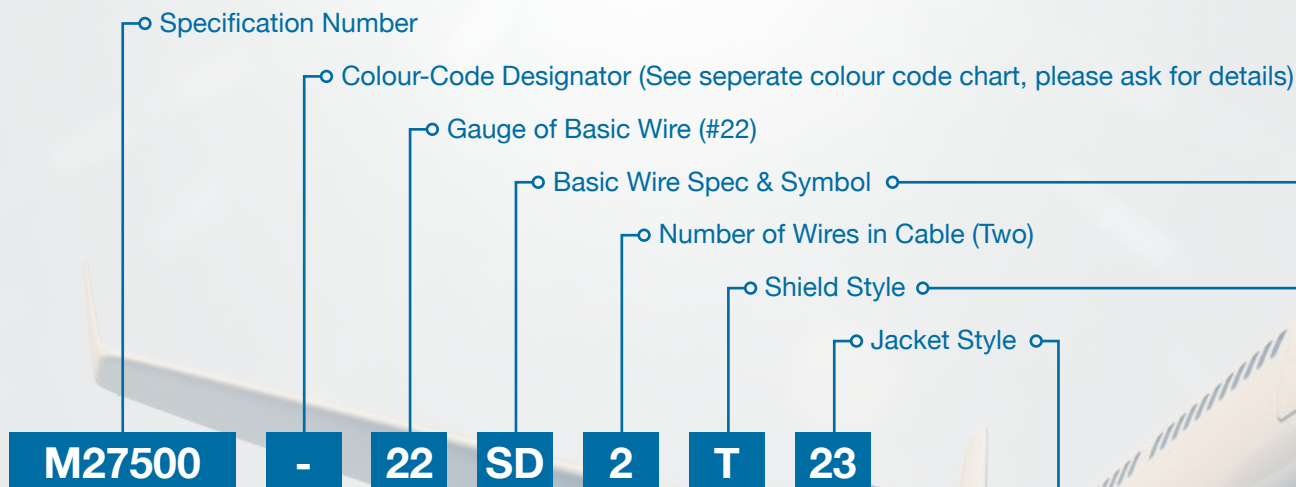
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# M27500 Military Specification - NEMA WC27500 (Formerly MIL-DTL-M27500)

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Symbol	Specification
TA	MIL-W-22759/8
LE	MIL-W-22759/9
RE	MIL-W-22759/12
TE	MIL-W-22759/16
SB	MIL-W-22759/32
SD	MIL-W-22759/34
WA to WR	MIL-W-22759/80-92
MH	MIL-W-81044/9
ML	MIL-W-81044/12

For full table please contact us

Single Jacket	Double Jacket	Jacket Style	Temp. Limit
00	00	No Jacket	-
01	51	Extruded White PVC	90°C
02	52	Extruded ClearPolyamide in accordance with ASTM D4066	105°C
03	53	White Polyamide Braid with Clear Polyamide Finisher over Polyester Tape	105°C
04	54	Polyester Braid with High Temp Finishers over Polyester Tape	150°C
05	55	Extruded Clear FEP	200°C
06	56	Extruded or Taped and Heat Sealed PTFE	260°C
08	58	Crosslinked White Extruded Polyvinylidene (PVF)	150°C
14	64	Extruded White ETFE (Tefzel)	150°C
16	66	Polymeric Braid with High-Temp Finisher over Presintered PTFE Tape	200°C
17	67	Extruded White ECTFE	150°C
18	68	Extruded Clear ECTFE	150°C
20	70	Extruded White PFA	260°C
21	71	Extruded Clear PFA	260°C
23	73	White Crosslinked Extruded Modified XLETFE	200°C

For full table please contact us

Symbol	Double Shield	Shield Style	Max Temp.
U	-	No Shield	-
T	V	Tin Plated Copper, Round	150°C
S	W	Silver Plated Copper, Round	200°C
N	Y	Nickel Copper, Round	260°C
F	Z	Stainless Steel, Round	400°C
C	R	Heavy Nickel Plated Copper, Round	400°C
M	K	Silver Plated HSCA, Round	200°C
P	L	Nickel Plated HSCA, Round	260°C
G	A	Silver Plated Copper, Flat	200°C
H	B	Silver Plated HSCA, Flat	200°C
*	#	Nickel Plated Copper, Flat	260°C
J	D	Tin Plated Copper, Flat	150°C
E	X	Nickel Plated HSCA, Flat	260°C
I	Q	Nickel Chromium Alloy, Flat	400°C

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