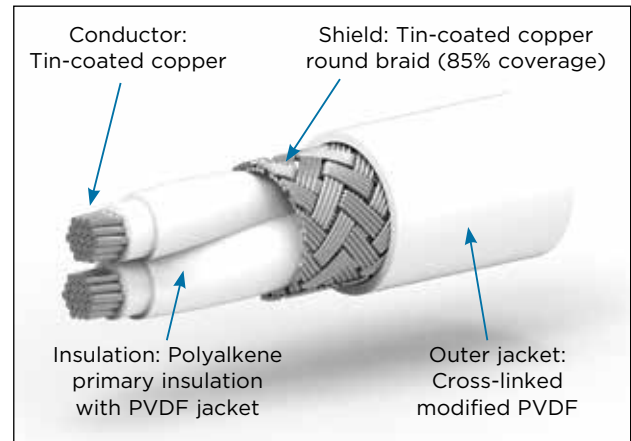




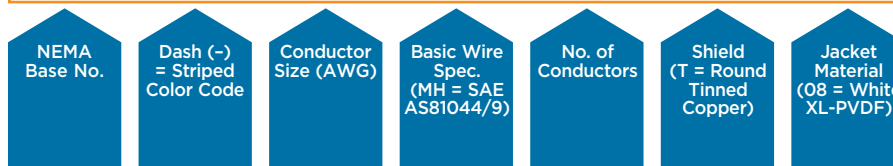
NEMA WC 27500-*MH (AS81044/9 Basic Wire Spec.)

General Purpose Airframe and Avionics Multi-Conductor Cables

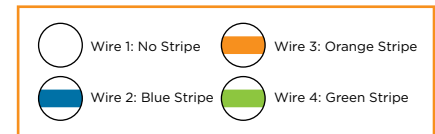
- **Insulation/Jacket:** Polyalkene (primary), PVDF (jacket)
- **Outer Jacket:** Cross-linked PVDF
- **Construction:** Dual wall primary wires with braid and outer jacket
- **Conductor:** Stranded tinned copper
- **Shielding:** Round tinned copper braid



Part Numbering System



Color Chart



Note: Wires are identified by color stripes on white wire (see color chart for sequence).

Below and on back are listed the most common material and design choices available from TE Connectivity. Please note that other versions are available upon request.

Part Number	No. Conductors	Conductor Size (AWG)	Shield Size (AWG)	Jacket Thickness (in.)		OD (in.)		Max. Weight (lbs/1000 ft.)
				Min.	Max.	Nom.	Max.	
M27500-24MH1T08	1	24	38	.005	.010	.087	.093	7.9
M27500-22MH1T08	1	22	38	.005	.010	.095	.101	9.8
M27500-20MH1T08	1	20	38	.005	.010	.103	.110	12.0
M27500-18MH1T08	1	18	38	.005	.010	.113	.120	15.2
M27500-16MH1T08	1	16	38	.005	.010	.122	.129	18.0
M27500-14MH1T08	1	14	38	.005	.010	.141	.148	24.8
M27500-12MH1T08	1	12	38	.005	.010	.159	.167	33.7
M27500-10MH1T08	1	10	38	.006	.012	.190	.200	48.9
M27500-8MH1T08	1	8	38	.007	.014	.251	.264	81.3
M27500-6MH1T08	1	6	36	.007	.014	.305	.320	126
M27500-4MH1T08	1	4	36	.007	.014	.361	.379	185

Note: This cable was formerly listed under MIL-C-27500 and is supplied in full compliance with NEMA WC27500 specification requirements, including those for product identification (cable mark), labelling and testing.



Part Number	No. Conductors	Conductor Size (AWG)	Shield Size (AWG)	Jacket Thickness (in.)		OD (in.)		Max. Weight (lbs/1000 ft.)
				Min.	Max.	Nom.	Max.	
M27500-24MH2T08	2	24	38	.005	.010	.141	.148	13.3
M27500-22MH2T08	2	22	38	.005	.010	.157	.165	16.8
M27500-20MH2T08	2	20	38	.006	.012	.175	.183	21.4
M27500-18MH2T08	2	18	38	.006	.012	.195	.203	27.7
M27500-16MH2T08	2	16	38	.006	.012	.213	.222	33.2
M27500-14MH2T08	2	14	38	.007	.014	.251	.262	46.4
M27500-12MH2T08	2	12	38	.007	.014	.289	.303	63.9
M27500-10MH2T08	2	10	36	.007	.014	.351	.369	98.5
M27500-24MH3T08	3	24	38	.005	.010	.150	.157	17.3
M27500-22MH3T08	3	22	38	.006	.012	.169	.177	22.7
M27500-20MH3T08	3	20	38	.006	.012	.186	.194	28.7
M27500-18MH3T08	3	18	38	.006	.012	.208	.217	37.8
M27500-16MH3T08	3	16	38	.007	.014	.227	.236	45.6
M27500-14MH3T08	3	14	38	.007	.014	.268	.279	64.8
M27500-12MH3T08	3	12	36	.007	.014	.313	.329	94.4
M27500-10MH3T08	3	10	36	.007	.014	.376	.395	138
M27500-24MH4T08	4	24	38	.005	.010	.164	.172	21.4
M27500-22MH4T08	4	22	38	.006	.012	.185	.193	28.2
M27500-20MH4T08	4	20	38	.006	.012	.204	.213	36.1
M27500-18MH4T08	4	18	38	.007	.014	.229	.238	47.3
M27500-16MH4T08	4	16	38	.007	.014	.250	.259	58.1
M27500-14MH4T08	4	14	36	.007	.014	.302	.317	87.4
M27500-12MH4T08	4	12	36	.007	.014	.346	.363	122
M27500-10MH4T08	4	10	36	.007	.014	.416	.491	178

Note: This cable was formerly listed under MIL-C-27500 and is supplied in full compliance with NEMA WC27500 specification requirements, including those for product identification (cable mark), labelling and testing.