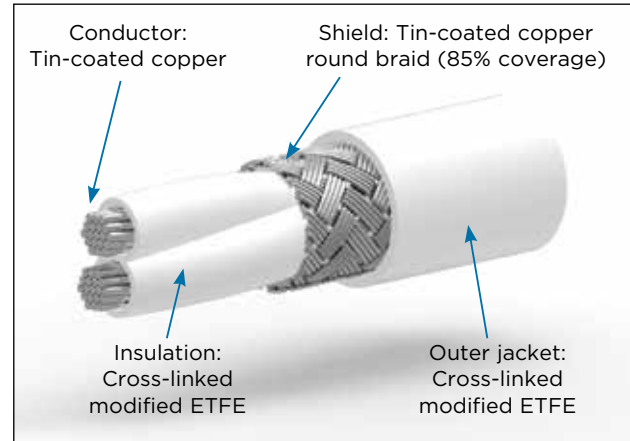




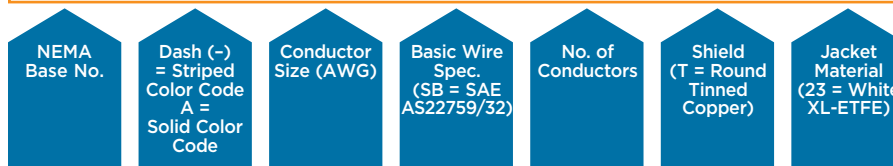
NEMA WC 27500-*SB (AS22759/32 Basic Wire Spec.)

General Purpose Airframe and Avionics Multi-Conductor Cables

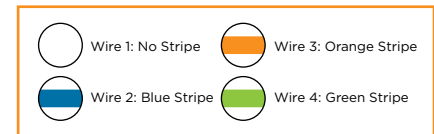
- **Insulation/Jacket:** Extruded cross-linked ETFE
- **Construction:** Single wall lightweight construction; primary wires with shield and outer jacket
- **Conductor:** Stranded tinned copper
- **Shielding:** Round tinned copper braid



Part Numbering System



Color Chart



Note: Wires are identified by color stripes on white wire (M27500-) or solid wire colors (M27500A). 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.	
M27500-30SB1T23	1	30	38	.005	.010	.057	.062	3.4
M27500-28SB1T23	1	28	38	.005	.010	.060	.065	3.9
M27500-26SB1T23	1	26	38	.005	.010	.065	.070	4.6
M27500-24SB1T23	1	24	38	.005	.010	.070	.075	5.5
M27500-22SB1T23	1	22	38	.005	.010	.076	.081	6.9
M27500-20SB1T23	1	20	38	.005	.010	.084	.089	9.0
M27500-18SB1T23	1	18	38	.005	.010	.094	.099	12.0
M27500-16SB1T23	1	16	38	.005	.010	.102	.108	14.6
M27500-14SB1T23	1	14	38	.005	.010	.119	.125	20.4
M27500-12SB1T23	1	12	38	.005	.010	.137	.143	28.5

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.	
M27500A30SB2T23	2	30	38	.005	.010	.081	.086	5.4
M27500A28SB2T23	2	28	38	.005	.010	.087	.092	6.3
M27500-26SB2T23	2	26	38	.005	.010	.097	.102	7.9
M27500-24SB2T23	2	24	38	.005	.010	.107	.112	9.8
M27500-22SB2T23	2	22	38	.005	.010	.119	.125	12.2
M27500-20SB2T23	2	20	38	.005	.010	.135	.141	16.2
M27500-18SB2T23	2	18	38	.005	.010	.155	.162	21.9
M27500-16SB2T23	2	16	38	.005	.010	.171	.178	26.7
M27500-14SB2T23	2	14	38	.006	.011	.205	.213	38.4
M27500-12SB2T23	2	12	38	.007	.012	.243	.251	55.1
M27500A30SB3T23	3	30	38	.005	.010	.085	.090	6.4
M27500A28SB3T23	3	28	38	.005	.010	.091	.096	7.6
M27500-26SB3T23	3	26	38	.005	.010	.102	.108	9.7
M27500-24SB3T23	3	24	38	.005	.010	.113	.119	12.3
M27500-22SB3T23	3	22	38	.005	.010	.126	.132	15.9
M27500-20SB3T23	3	20	38	.005	.010	.143	.149	21.7
M27500-18SB3T23	3	18	38	.005	.010	.165	.172	30.4
M27500-16SB3T23	3	16	38	.005	.010	.182	.189	37.4
M27500-14SB3T23	3	14	38	.006	.011	.221	.229	54.0
M27500-12SB3T23	3	12	38	.007	.012	.260	.270	77.5
M27500A30SB4T23	4	30	38	.005	.010	.091	.104	7.7
M27500A28SB4T23	4	28	38	.005	.010	.098	.113	9.3
M27500-26SB4T23	4	26	38	.005	.010	.110	.127	12.1
M27500-24SB4T23	4	24	38	.005	.010	.123	.141	15.4
M27500-22SB4T23	4	22	38	.005	.010	.137	.159	19.7
M27500-20SB4T23	4	20	38	.005	.010	.154	.179	27.0
M27500-18SB4T23	4	18	38	.005	.010	.178	.208	37.7
M27500-16SB4T23	4	16	38	.006	.011	.198	.231	46.4
M27500-14SB4T23	4	14	38	.007	.012	.241	.282	69.1
M27500-12SB4T23	4	12	38	.007	.012	.284	.334	99.6

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.