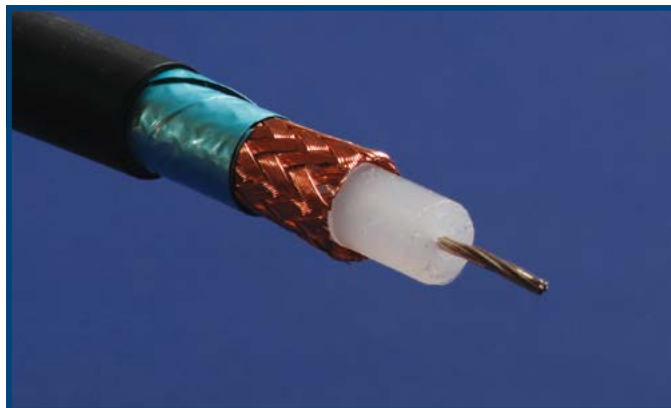


MIL-DTL-17 Coaxes & Navsea Triaxes Low Smoke Radio Frequency

APPLICATION

Low smoke radio frequency for naval shipboard. These cables have excellent abrasion characteristics, and low smoke, zero halogen, and low toxicity properties.



US NAVY REQUIREMENTS

Smoke Index: 25
Toxicity Index: 5 Max.
Acid Gas Generation: 2.0% Max.
Halogen Content: .2% Max.

Max. Operating Temp: -30°C to 85°C

Exceptions:

MIL-DTL-17/213, 214 & 217:

-40°C to 80°C

Navsea #6262065 & 6322493:

-40°C

to 85°C

Part Number	Low Smoke Equivalent	Conductor AWG Stranding & Material	Shield	Nom. Diameter Inch	Cond. Resistance Ω /kft @20°C	Impedance Ω /kft	Capacitance pf/ft Max.	Attenuation db/100 ft		Continuous Working Voltage V rms
								400 MHz	1 GHz	
M17/181-00001	RG11	18 7/26 TC	Tape/Braid	.405	6.6	75	22	5.2	9.4	3700
M17/183-00001	RG58	20 19/.0071 TC	Tape/Braid	.195	14.8	50	22	17	28	1400
M17/184-00001	RG59	23 Solid Cu Steel	Tape/Braid	.242	48	75	22	9.0	16	1700
M17/185-00001	RG62	22 Solid Cu Steel	Tape/Braid	.242	44	93	14.5	8.0	13	750
M17/189-00001	–	12 7/.0296 BC	Tape/Braid	.405	1.76	50	32.2	4.8	9.0	3700
M17/190-00001	–	12 7/.0296 SC	Tape/Dbl Braid	.425	1.76	50	32.2	5.7	13	3700
M17/191-00001	–	18 7/26 TC	Tape/Dbl Braid	.425	6.6	75	22	6.5	–	3700
M17/194-00001	–	19 Solid SC	Tape/Dbl Braid	.212	8.97	50	32.2	12	20.5	1400
M17/196-00001	RG174	26 7/34 Cu Steel	Tape/Braid	.110	96.7	50	32.2	12.9	40	1100
M17/197	Cancelled, refer to MIL-DTL-17/183									
M17/213-00001	RG213	12 7/.0296 BC	Tape/Braid	.405	1.76	50	32.2	4.7	–	3700
M17/214-00001	RG214	12 7/.0296 SC	Tape/Dbl Braid	.425	1.73	50	32.2	5.5	–	3700
M17/217-00001	RG174	26 7/34 Cu Steel	Tape/Braid	.110	96.7	50	32.2	25	–	1100
NS6262065-1	TRIAX	12 7/20 SC	Dbl Tape/Dble Braid	.450	1.90	50	29	5.4	9.2	2000
NS6322493	TRIAX	18 19/30TC	Dbl Tape/Dble Braid	.465	6.6	75	20	6.0	11.2	2000

The above part numbers represent the more popular constructions. However, other designs are available upon request. All products are manufactured to meet RoHS compliance. For exceptions, please contact our sales department.

