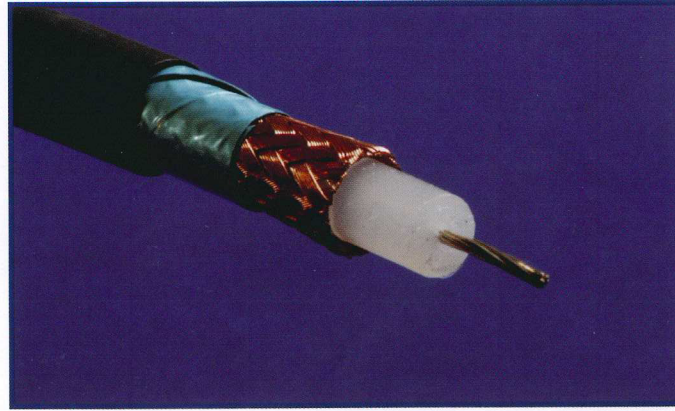


# MIL-DTL-17 Coaxes & Navsea Triaxes Low Smoke Radio Frequency

## APPLICATION

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

\*Available in armored version.



## US NAVY REQUIREMENTS

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

Part Number	Low Smoke Equivalent	Conductor AWG Stranding & Material	Shield	Nom. Diameter Inch	Cond. Resistance $\Omega$ /kft @20°C	Impedance $\Omega$ /kft	Capacitance pf/ft Max.	Attenuation db/100 ft		Continuous Working Voltage V rms
								400 MHz	1 GHz	
DTL17/181-18	RG11	18 7/26 TC	Tape/Braid	.405	6.6	75	22	5.2	9.4	3700
DTL17/183-20	RG58	20 19/.0071 TC	Tape/Braid	.195	14.8	50	22	17	28	1400
DTL17/184-23	RG59	23 Solid Cu Steel	Tape/Braid	.242	48	75	22	9.0	16	1700
DTL17/185-22	RG62	22 Solid Cu Steel	Tape/Braid	.242	44	93	14.5	8.0	13	750
DTL17/189-12	-	12 7/.0296 BC	Tape/Braid	.405	1.76	50	32.2	4.8	9.0	3700
DTL17/190-12	-	12 7/.0296 SC	Tape/Dbl Braid	.425	1.76	50	32.2	5.7	13	3700
DTL17/191-18	-	18 7/26 TC	Tape/Dbl Braid	.425	6.6	75	22	6.5	-	3700
DTL17/194-19	-	19 Solid SC	Tape/Dbl Braid	.212	8.97	50	32.2	12	20.5	1400
DTL17/196-26	RG174	26 7/34 Cu Steel	Tape/Braid	.110	96.7	50	32.2	12.9	40	1100
DTL17/197	Cancelled, refer to MIL-DTL-17/183									
DTL17/213-12	RG213	12 7/.0296 BC	Tape/Braid	.405	1.76	50	32.2	4.7	-	3700
DTL17/214-12	-	12 7/.0296 SC	Tape/Dbl Braid	.425	1.73	50	32.2	5.5	-	3700
DTL17/217-26	RG174	26 7/34 Cu Steel	Tape/Braid	.110	96.7	50	32.2	25	-	1100
NS6262065-1	-	12 7/20 SC	Dbl Tape/Dble Braid	.450	1.90	50	29	5.4	9.2	2000
NS6322493	-	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.

## APPROVALS AND RATINGS

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