

MIL-C-17

Low Smoke - Zero Halogen Coaxial Cables for Navy Shipboard

Low Smoke – Zero Halogen coaxial cables per MIL-C-17 Slant Sheets 181, 183, and 184 were developed due to concerns about the fire hazards of the insulation and jacketing materials used in commercial applications. These coaxial cables meet the U.S. Navy requirements for smoke index, acid gas generation, halogen content, and toxicity index. These coaxial cables are manufactured with an irradiation cross-linked modified low smoke polyolefin jacket. They offer superior performance in abrasion, oil, and flame resistance, while maintaining the electrical requirements of MIL-C-17.

In addition to these standard designs, Rockbestos-Surprenant Cable Corporation can manufacture custom coaxial cables upon request.

Product Description	Specification	Link
<p>MIL-C-17, Slant Sheet 181 This is a low smoke, zero halogen equivalent to RG11, Non Swept.</p> <p>Continuous Working Voltage: 3,700 V rms, Maximum Operating Frequency: 1000 MHz, Maximum Operating Temperature Range: -30°C to +85°C Impedance: 75 ± 3 Ohms</p>	M17/181	18
<p>MIL-C-17, Slant Sheet 183 This is a low smoke, zero halogen equivalent to RG58, Swept.</p> <p>Continuous Working Voltage: 1,400 V rms, Maximum Operating Frequency: 1000 MHz, Maximum Operating Temperature Range: -30°C to +85°C Impedance: 50 ± 2 Ohms</p>	M17/183	19
<p>MIL-C-17, Slant Sheet 184 This is a low smoke, zero halogen equivalent to RG59, Non Swept.</p> <p>Continuous Working Voltage: 1,700 V rms, Maximum Operating Frequency: 1000 MHz, Maximum Operating Temperature Range: -30°C to +85°C Impedance: 75 ± 3 Ohms</p>	M17/184	20

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