



**CIT - East**  
**19-02 Whitestone Expressway**  
**Whitestone, NY 11357**  
**(888) 761-7800**

**CIT - West**  
**Blvd. Luis Donald Colosio M. 1195**  
**Colonia Obrera**  
**Nogales, Sonora, Mx. 84048**  
**(800) 423-5873**

Scope: This specification describes a shielded and jacketed 50 ohm coaxial cable, RGS-178, Per M17/093-RG178.

**Construction Details**

Diameter (inch)

		Nom.
Conductor	30 AWG 7 x 38 silver plated copper	.012
Dielectric	Extruded polytetrafluoroethylene (PTFE) Color: Natural	.034
Shield	38 AWG silver plated copper braid having 90% minimum optical coverage	
Jacket	Extruded fluorinated ethylene propylene (FEP) Typical Color: Translucent brown Cable ID per Mil-C-17.	.071

**Properties**

Temperature Rating	-55 to +200°C
Impedance	50 ± 2 ohms
Capacitance	32 pF/ft. (max.)
Attenuation @ 400 MHz	33.0 dB/100 ft. (max.)
Dielectric Strength	2,000 volts rms (min.)
Sparktest	2,000 volts rms (min.)
Bend Radius	.71" (Nom.)

**Non-Controlled Copy**

Product Specification			Revisions			
RGS-178			Rev.	Description	Date	Approved
			--	Initial release	07/22/15	DS
Prepared by	Date	Page				
DS	07/22/15	1 of 1				

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