



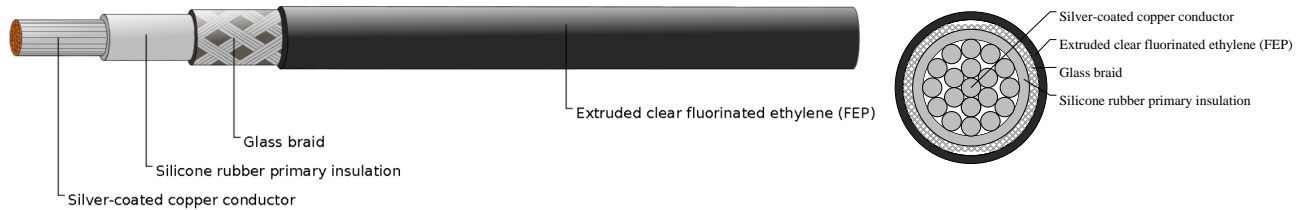
Caledonian

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MS 27110 (Mil-W-8777 Wire) 1C12AWG



APPLICATIONS

These silicone rubber primary insulated single-core MS 27110 (Mil-W-8777 Wire) cables are used in aircraft and missiles using any combination of electrical loading and ambient temperature. It has low moisture absorption and generally good resistance to chemicals.

VOLTAGE RATING

600V

CABLE CONSTRUCTION

Conductor: Stranded, silver-coated copper conductor

Insulation: Silicone rubber primary insulation

Braid: The glass braid of tightly woven glass fibers impregnated with silicone or teflon

Jacket: extruded clear fluorinated ethylene (FEP)

PHYSICAL AND THERMAL PROPERTIES

Temperature Range: 200°C

DIMENSION AND PARAMETERS

AWG Size	Conductor Stranding	Nominal Jacket Thickness	Overall Diameter (min.)	Overall Diameter (min.)	Overall Diameter (max.)	Overall Diameter (max.)	Approx. Weight	Max. Resistance at 20°C
		in	in	mm	in	mm	LBS/MFT	OHMS/MFT
12	19/25	0.008	0.155	3.937	0.165	4.191	30.5	1.88