# SAE AS81044/13

# Cross-Linked Polyalkene/PVDF - 600V, 150°C



CONDUCTOR

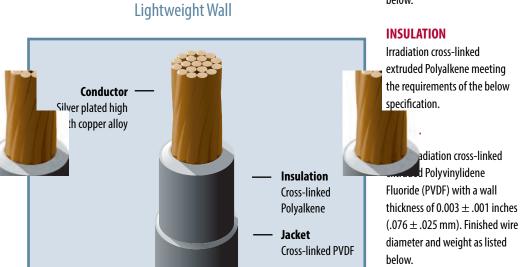
below.

Silver plated high strength

copper alloy, stranded as listed

## APPLICATION

This dual layer, lightweight, high temperature wire offers outstanding performance that makes it suitable for many applications where high density cabling and harnessing are reguired. Besides offering size an<sup>4</sup> weight advantages, these wire have excellent resistance to cut through, abrasion, cold flow, shrink back, notch propagation and common chemicals. In addition, they strip and stripe easily, may be potted, and have low smoke characteristics. This wire should be considered for airframe, avionics, military vehicle, shipboard, missile, and other electronic applications.



Part Number	Conductor				Conductor		Nom.			
	Size		Strand-		Resistance @20°C		Diameter		Weight	
	AWG	mm <sup>2</sup>	ing		Ω/kft	Ω/km	Inch	mm	lbs/kft	kg/km
81044/13-26-X	26	.15	19/38	SA	44.8	147	.036	.91	1.4	2.08
81044/13-24-X	24	.24	19/36		28.4	93.2	.042	1.07	2.1	3.12
81044/13-22-X	22	.38	19/34		17.5	57.4	.049	1.24	3.1	4.61
81044/13-20-X	20	.62	19/32		10.7	35.1	.057	1.45	4.6	6.84

X = color. See page 67 for color designator.

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**

150°C conductor temperature, 600 volt. SAE AS81044/13.

#### CABLES

