

SAE AS81822/13



M81822/13 has solid conductors for wire-wrap termination and are insulated with extruded ethylene-tetrafluoroethylene (ETFE) for aerospace and other applications requiring lightweight, tight jacket diameter tolerances and enhanced mechanical toughness. ETFE insulation also provides exceptional resistance to radiation and chemicals.

Conductor: Type A: Soft or Annealed Copper
 Type B: Soft or Annealed Oxygen-Free Copper
 Type C: High Strength, High Conductivity Copper Alloy
 Insulation: Extruded ETFE
 Temp Rating: 150°C
 Voltage Rating: 300 Volts R.M.S.

Blake Part Number	AWG	Stranding	Insulation Diameter		LBS/MFT
			Min.	Max.	
BW-3700A-X	30	Solid	0.0185	0.0205	0.51
BW-3710A-X	28	Solid	0.0250	0.0280	0.88
BW-3720A-X	26	Solid	0.0280	0.0310	1.22
BW-3730A-X	24	Solid	0.0325	0.0355	1.80
BW-3740A-X	22	Solid	0.0370	0.0410	2.66
BW-3750A-X	20	Solid	0.0440	0.0480	4.03
BW-3760A-X	18	Solid	0.0510	0.0570	6.13

X = Color: See Page BCC-1

Blake Part Number	AWG	Stranding	Insulation Diameter		LBS/MFT
			Min.	Max.	
BW-3700B-X	30	Solid	0.0185	0.0205	0.51
BW-3710B-X	28	Solid	0.0250	0.0280	0.88
BW-3720B-X	26	Solid	0.0280	0.0310	1.22
BW-3730B-X	24	Solid	0.0325	0.0355	1.80
BW-3740B-X	22	Solid	0.0370	0.0410	2.66
BW-3750B-X	20	Solid	0.0440	0.0480	4.03
BW-3700B-X	18	Solid	0.0510	0.0570	6.13

X = Color: See Page BCC-1

Blake Part Number	AWG	Stranding	Insulation Diameter		LBS/MFT
			Min.	Max.	
BW-3700C-X	30	Solid	0.0185	0.0205	0.51
BW-3710C-X	28	Solid	0.0250	0.0280	0.88
BW-3720C-X	26	Solid	0.0280	0.0310	1.22
BW-3730C-X	24	Solid	0.0325	0.0355	1.80
BW-3740C-X	22	Solid	0.0370	0.0410	2.66
BW-3750C-X	20	Solid	0.0440	0.0480	4.03
BW-3700C-X	18	Solid	0.0510	0.0570	6.13

X = Color: See Page BCC-1