

# 1-A-224-12/18-G-19



- 7/32" (5.69 mm) Mono Conductor Cable
- Temperature Rating 550 °F (288°C)
- Conductor – Copper
- Insulation –PFA
- Armor - GIPS

Construction Characteristics	English	Metric
Conductor – 16 AWG , 19 x 0.0119":	0.059"	1.499 mm
Wall Thickness:	0.0245"	0.622 mm
Insulation – OD:	0.108"	2.743 mm
Armor – Inner : 12 Wires 0.031":	0.162"	4.115 mm
Armor – Outer : 18 Wires 0.031":	0.224"	5.690 mm

Mechanical Characteristics	English	Metric
Weight in Air:	99 lbs/kft	147 kg/km
Weight in Water:	84 lbs/kft	125 kg/km
Breaking Strength (Ends Fixed):	5,600 lbs	2,540 kg
Working Load (Maximum):	3,360 lbs	1,524 kg
Temperature Rating (Maximum):	550 °F	288 °C
Suggested Minimum Sheave:	14" dia.	356 mm
Outside Diameter:	0.224 $\frac{+.005"}{-0.002"}$	5.69 $\frac{+0.127\text{ mm}}{-0.051\text{ mm}}$
Stretch Coefficient:	2.5 ft/kft/klb	2.8 m/km/5kN

Electrical Characteristics	English	Metric
Voltage Rating:	1,200 VDC	1,200 VDC
DC Conductor Resistance at 68°F (20°C):	4.0 Ω/kft	13.1 Ω/km
DC Armor Resistance at 68°F (20°C):	4.4 Ω/kft	14.4 Ω/km
Capacitance Conductor to Armor:	58 pF/ft	190 pF/m
Minimum Insulation Resistance:	1,500 MΩ*kft	457 MΩ*km