

1-A-322-12/18-G-19



Corrosion Resistant

- 5/16" (8.18 mm) Mono Conductor Cable
- Temperature Rating 550 °F (288°C)
- Conductor – Copper
- Insulation – PFA
- Armor - GIPS

Construction Characteristics	English	Metric
Conductor – 15 AWG , 19 x 0.0142":	0.071"	1.803 mm
Wall Thickness:	0.042"	1.067 mm
Insulation – OD:	0.155"	3.937 mm
Armor – Inner : 12 Wires 0.0445":	0.233"	5.918 mm
Armor – Outer : 18 Wires 0.0445":	0.322"	8.179 mm

Mechanical Characteristics	English	Metric
Weight in Air:	196 lbs/kft	292 kg/km
Weight in Water:	166 lbs/kft	247 kg/km
Breaking Strength (Ends Fixed):	11,300 lbs	5,125 kg
Working Load (Maximum):	6,780 lbs	3,075 kg
Temperature Rating (Maximum):	550 °F	288 °C
Suggested Minimum Sheave:	18" dia.	457 mm
Outside Diameter:	0.322 $\begin{matrix} + .005" \\ -0.002" \end{matrix}$	8.179 $\begin{matrix} + 0.127 \text{ mm} \\ -0.051 \text{ mm} \end{matrix}$
Stretch Coefficient:	1.2 ft/kft/klb	1.35 m/km/5kN

Electrical Characteristics	English	Metric
Voltage Rating:	1,500 VDC	1,500 VDC
DC Conductor Resistance at 68°F (20°C):	2.8 Ω/kft	9.2 Ω/km
DC Armor Resistance at 68°F (20°C):	2.1 Ω/kft	6.9 Ω/km
Capacitance Conductor to Armor:	45 pF/ft	148 pF/m
Minimum Insulation Resistance:	1,500 MΩ*kft	457 MΩ*km