

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



- 5/16" (8.18 mm) Mono Conductor Cable
- Temperature Rating 500 °F (260°C)
- Conductor – Copper
- Insulation –FEP/ETFE
- 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
Aarmor – Inner : 12 Wires 0.0445":	0.233"	5.918 mm
Aarmor – Outer : 18 Wires 0.0445":	0.322"	8.179 mm

Mechanical Characteristics	English	Metric
Weight in Air:	193 lbs/kft	287 kg/km
Weight in Water:	163 lbs/kft	244 kg/km
Breaking Strength (Ends Fixed):	11,300 lbs	5,125 kg
Working Load (Maximum):	6,780 lbs	3,075 kg
Temperature Rating (Maximum):	500 °F	260 °C
Suggested Minimum Sheave:	18" dia.	457 mm
Outside Diameter:	0.322 $\frac{+.005"}{-0.002"}$	8.179 $\frac{+0.127\text{ mm}}{-0.051\text{ mm}}$
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:	48 pF/ft	159 pF/m
Minimum Insulation Resistance:	1,500 MΩ*kft	457 MΩ*km