

1-FT-288-12/18-G-19



- 9/32" (7.31 mm) Mono Conductor Cable
- Temperature Rating 500 °F (260°C)
- Conductor – Copper
- Insulation –FEP/ ETFE
- Armor - GEIPS

Construction Characteristics	English	Metric
Conductor – 15 AWG , 19 x 0.0142":	0.071"	1.803 mm
Wall Thickness:	0.0335"	0.838 mm
Insulation – OD:	0.137"	3.480 mm
Armor – Inner : 12 Wires 0.040":	0.208"	5.283 mm
Armor – Outer : 18 Wires 0.040":	0.288"	7.315 mm

Mechanical Characteristics	English	Metric
Weight in Air:	157 lbs/kft	233 kg/km
Weight in Water:	134 lbs/kft	198 kg/km
Breaking Strength (Ends Fixed):	10,000 lbs	4,535 kg
Working Load (Maximum):	6,000 lbs	2,721 kg
Temperature Rating (Maximum):	500 °F	260 °C
Suggested Minimum Sheave:	16" dia.	406 mm
Outside Diameter:	0.288 $\frac{+.005"}{-0.002"}$	7.32 $\frac{+0.127\text{ mm}}{-0.051\text{ mm}}$
Stretch Coefficient:	1.6 ft/kft/klb	1.8 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):	2.8 Ω/kft	9.2 Ω/km
Capacitance Conductor to Armor:	55 pF/ft	180 pF/m
Minimum Insulation Resistance:	1,500 MΩ*kft	457 MΩ*km