

# 1-FT-380-12/18-G-19



- 3/8" (9.65 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:	0.056"	1.422 mm
Insulation – OD:	0.183"	4.648 mm
Armor – Inner : 12 Wires 0.0525":	0.275"	6.985 mm
Armor – Outer : 18 Wires 0.0525":	0.380"	9.652 mm

Mechanical Characteristics	English	Metric
Weight in Air:	269 lbs/kft	400 kg/km
Weight in Water:	227 lbs/kft	338 kg/km
Breaking Strength (Ends Fixed):	15,000 lbs	6,804 kg
Working Load (Maximum):	9,000 lbs	4,082 kg
Temperature Rating (Maximum):	500 °F	260 °C
Suggested Minimum Sheave:	21" dia.	533 mm
Outside Diameter:	0.380 $\frac{+.006"}{-0.002"}$	9.65 $\frac{+0.152\text{ mm}}{-0.051\text{ mm}}$
Stretch Coefficient:	1.0 ft/kft/klb	1.125 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):	1.5 Ω/kft	4.92 Ω/km
Capacitance Conductor to Armor:	39 pF/ft	128 pF/m
Minimum Insulation Resistance:	1,500 MΩ*kft	457 MΩ*km