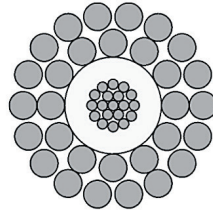
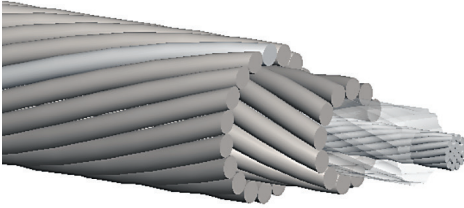


1-FT-288-12/18-77-19



Corrosion Resistant

- 9/32" (7.31 mm) Mono Conductor Cable
- Temperature Rating 500 °F (260°C)
- Conductor – Cu-Ni
- Insulation – FEP/ETFE
- Armor - Alloy 77

Construction Characteristics	English	Metric
Conductor – 16 AWG , 19 x 0.0128":	0.064"	1.626 mm
Wall Thickness:	0.0365"	0.927 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	237 kg/km
Weight in Water:	134 lbs/kft	203 kg/km
Breaking Strength (Ends Fixed):	8,200 lbs	3,727 kg
Working Load (Maximum):	4,100 lbs	1,860 kg
Temperature Rating (Maximum):	500 °F	260 °C
Suggested Minimum Sheave:	16" dia.	406 mm
Outside Diameter:	0.288 $\begin{matrix} + .005" \\ -0.002" \end{matrix}$	7.32 $\begin{matrix} + 0.127 \text{ mm} \\ -0.051 \text{ mm} \end{matrix}$
Stretch Coefficient:	1.9 ft/kft/klb	2.13 m/km/5kN

Electrical Characteristics	English	Metric
Voltage Rating:	1,500 VDC	1,500 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):	10.0 Ω/kft	32.8 Ω/km
Capacitance Conductor to Armor:	49 pF/ft	161 pF/m
Minimum Insulation Resistance:	1,500 MΩ*kft	457 MΩ*km

The temperature rating is for the insulation material. WARNING: Corrosion resistant steel loses its elastic properties after 425 °F (218 °C). The cable is not recommended for use above this temperature as permanent deformation may occur. Copyright © 2009