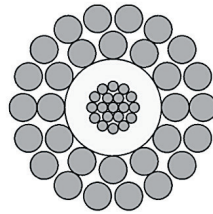
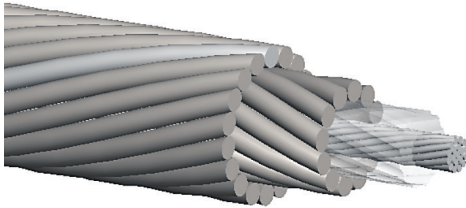


1-FT-288-12/18-75-19



Corrosion Resistant

- 9/32" (7.31 mm) Mono Conductor Cable
- Temperature Rating 500 °F (260°C)
- Conductor – Cu-Ni
- Insulation – FEP/ETFE
- Armor - Alloy 75

| Construction Characteristics | English | Metric |
|------------------------------------|---------|----------|
| Conductor – 16 AWG , 19 x 0.0128": | 0.064" | 1.63 mm |
| Wall Thickness: | 0.0365" | 0.93 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: | 158 lbs/kft | 237 kg/km |
| Weight in Water: | 135 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 $\frac{+.005"}{-0.002"}$ | 7.315 $\frac{+.0127\text{ mm}}{-0.051\text{ mm}}$ |
| 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 325 °F (163 °C). The cable is not recommended for use above this temperature as permanent deformation may occur. Copyright © 2009