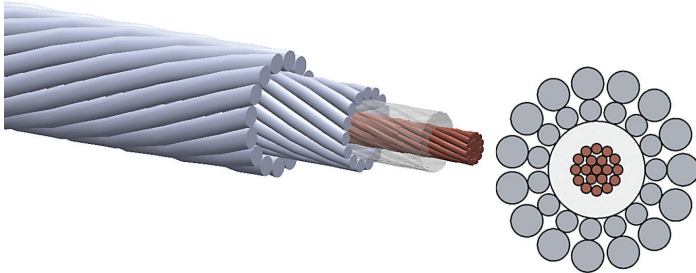


1-FT-224-15/15-77-7



Corrosion Resistant

- 7/32" (5.69 mm) Mono Conductor Cable
- Temperature Rating 500 °F (260°C)
- Conductor – Cu-Ni
- Insulation –FEP/ETFE
- Armor - Alloy 77

Construction Characteristics	English	Metric
Conductor – 18 AWG , 7 x 0.0159":	0.047"	1.193 mm
Wall Thickness:	0.0305"	0.774 mm
Insulation – OD:	0.108"	2.743 mm
Armor – Inner : 15 Wires 0.0243":	0.152"	3.861 mm
Armor – Outer : 15 Wires 0.0358":	0.224"	5.690 mm

Mechanical Characteristics	English	Metric
Weight in Air:	93 lbs/kft	139 kg/km
Weight in Water:	80 lbs/kft	119 kg/km
Breaking Strength (Ends Fixed):	5,200 lbs	2,358 kg
Working Load (Maximum):	2,600 lbs	1,179 kg
Temperature Rating (Maximum):	500 °F	260 °C
Suggested Minimum Sheave:	14" dia.	356 mm
Outside Diameter:	0.224 $\begin{matrix} + .005" \\ -0.002" \end{matrix}$	5.69 $\begin{matrix} + 0.127 \text{ mm} \\ -0.051 \text{ mm} \end{matrix}$
Stretch Coefficient:	2.5 ft/kft/klb	2.8 m/km/5kN

Electrical Characteristics	English	Metric
Voltage Rating:	1,200 VDC	1,200 VDC
DC Conductor Resistance at 68°F (20°C):	6.7 Ω/kft	22.0 Ω/km
DC Armor Resistance at 68°F (20°C):	18.5 Ω/kft	60.4 Ω/km
Capacitance Conductor to Armor:	44 pF/ft	144 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