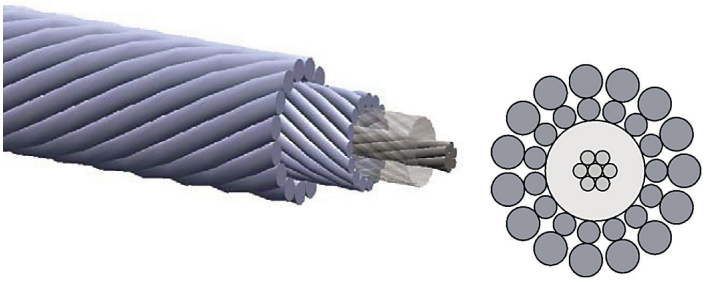
1-FT-224-12/18-77-7



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":	0.048"	1.219 mm
Wall Thickness:	0.030"	0.762 mm
Insulation – OD:	0.108"	2.743 mm
Armor – Inner : 12 Wires 0.031":	0.162"	4.115 mm
Armor – Outer : 18 Wires 0.031":	0.224"	5.690 mm

Mechanical Characteristics	English	Metric
Weight in Air:	96 lbs/kft	143 kg/km
Weight in Water:	81 lbs/kft	120 kg/km
Breaking Strength (Ends Fixed):	5,200 lbf	2,360 kg
Working Load (Maximum):	2600 lbf	1,180 kg
Temperature Rating (Maximum):	500 °F	260 °C
Suggested Minimum Sheave:	14" dia.	356 mm
Outside Diameter:	$0.224\ ^{+.005"}_{-0.002"}$	$5.69\ ^{+0.127\ mm}_{-0.051\ mm}$
Stretch Coefficient:	3.1 ft/kft/klb	3.5 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 Ω/km
DC Armor Resistance at 68°F (20°C):	22.0 Ω/kft	72.2 Ω/km
Capacitance Conductor to Armor:	45 pF/ft	148 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

Forum Energy Technologies
10344 Sam Houston Park Drive, Suite 300
Houston, TX 77064 USA

f-e-t.com/qwc
QualityWireline@f-e-t.com
1 (877) 836-3928