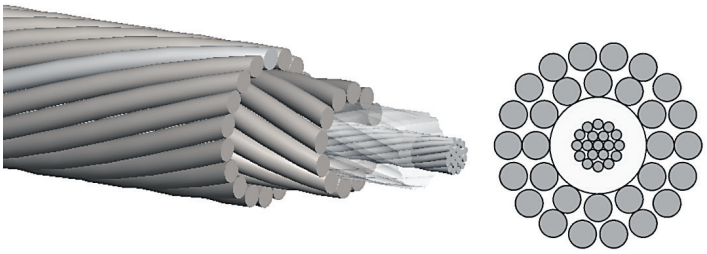
1-FT-258-12/18-77-19



Corrosion Resistant

- 1/4" (6.55 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 0.0119":	0.059"	1.499 mm
Wall Thickness:	0.032"	0.813 mm
Insulation – OD:	0.123"	3.124 mm
Armor – Inner : 12 Wires 0.0358":	0.186"	4.724 mm
Armor – Outer : 18 Wires 0.0358":	0.258"	6.553 mm

Mechanical Characteristics	English	Metric
Weight in Air:	127 lbs/kft	190 kg/km
Weight in Water:	107 lbs/kft	160 kg/km
Breaking Strength (Ends Fixed):	6,500 lbs	2,948 kg
Working Load (Maximum):	3,250 lbs	1,474 kg
Temperature Rating (Maximum):	500 °F	260 °C
Suggested Minimum Sheave:	14" dia.	356 mm
Outside Diameter:	$0.258\ ^{+.005"}_{-0.002"}$	$6.55\ ^{+0.127\ mm}_{-0.051\ mm}$
Stretch Coefficient:	2.3 ft/kft/klb	2.6 m/km/5kN

Electrical Characteristics	English	Metric
Voltage Rating:	1,200 VDC	1,200 VDC
DC Conductor Resistance at 68°F (20°C):	4.4 Ω/kft	14.4 Ω/km
DC Armor Resistance at 68°F (20°C):	16.5 Ω/kft	54.2 Ω/km
Capacitance Conductor to Armor:	51 pF/ft	167 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.

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