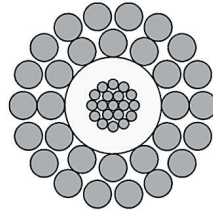
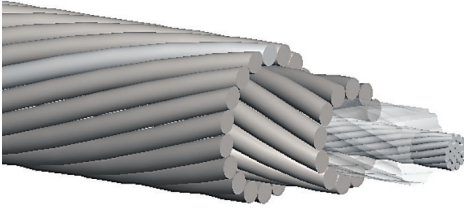


# 1-FT-258-12/18-35N-19



## Corrosion Resistant

- 1/4" (6.55 mm) Mono Conductor Cable
- Temperature Rating 500 °F (260°C)
- Conductor – Cu-Ni
- Insulation – FEP/ETFE
- Armor – MP35N

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:	135 lbs/kft	201 kg/km
Weight in Water:	115 lbs/kft	171 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 $\frac{+.005"}{-0.002"}$	6.55 $\frac{+0.127\text{ mm}}{-0.051\text{ mm}}$
Stretch Coefficient:	2.0 ft/kft/klb	2.25 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):	17.1 Ω/kft	56.2 Ω/km
Capacitance Conductor to Armor:	51 pF/ft	167 pF/m
Minimum Insulation Resistance:	1,500 MΩ*kft	457 MΩ*km