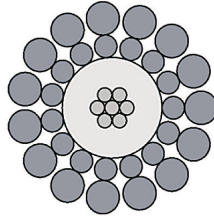


1-FT-224-12/18-35N-7



Corrosion Resistant

- 7/32" (5.69 mm) Mono Conductor Cable
- Temperature Rating 500 °F (260°C)
- Conductor – Cu-Ni
- Insulation – FEP/ETFE
- Armor - Alloy MP35N

Construction Characteristics	English	Metric
Conductor – 18 AWG , 7 x 0.0159":	0.048"	1.219 mm
Wall Thickness:	0.030"	0.76 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:	103 lbs/kft	153 kg/km
Weight in Water:	89 lbs/kft	132 kg/km
Breaking Strength (Ends Fixed):	5,200 lbf	2,360 kg
Working Load (Maximum):	2,600 lbf	1,180 kg
Temperature Rating (Maximum):	500 °F	260 °C
Suggested Minimum Sheave:	14" dia.	356 mm
Outside Diameter:	0.224 $\frac{+.005"}{-0.002"}$	5.69 $\frac{+0.127\text{ mm}}{-0.051\text{ mm}}$
Stretch Coefficient:	2.9 ft/kft/klb	3.3 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):	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