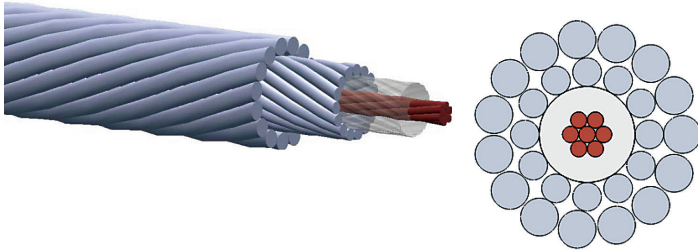


1-A-185-12/15-G-7



- 3/16" (4.699 mm) Mono Conductor Cable
- Temperature Rating 550 °F (288°C)
- Conductor – Copper
- Insulation – PFA
- Armor - GIPS

Construction Characteristics	English	Metric
Conductor – 20 AWG , 7 x 0.0128":	0.038"	0.965 mm
Wall Thickness:	0.023"	0.584 mm
Insulation – OD:	0.084"	2.135 mm
Armor – Inner : 12 Wires 0.0240":	0.125"	3.175 mm
Armor – Outer : 15 Wires 0.0298":	0.185"	4.699 mm

Mechanical Characteristics	English	Metric
Weight in Air:	66 lbs/kft	98 kg/km
Weight in Water:	56 lbs/kft	83 kg/km
Breaking Strength (Ends Fixed):	3,900 lbs	17.35 kN
Working Load (Maximum):	1,950 lbs	8.67 kN
Temperature Rating (Maximum):	550 °F	288 °C
Suggested Minimum Sheave:	12" dia.	305 mm
Outside Diameter:	0.185 $\begin{matrix} +.003" \\ -0.002" \end{matrix}$	4.70 $\begin{matrix} + 0.120 \text{ mm} \\ -0.051 \text{ mm} \end{matrix}$
Stretch Coefficient:	4.0 ft/kft/klb	4.5 m/km/5kN

Electrical Characteristics	English	Metric
Voltage Rating:	1,000 VDC	1,000 VDC
DC Conductor Resistance at 68°F (20°C):	9.8 Ω/kft	32.2 Ω/km
DC Armor Resistance at 68°F (20°C):	6.4 Ω/kft	21.0 Ω/km
Capacitance Conductor to Armor:	45 pF/ft	146 pF/m
Minimum Insulation Resistance:	1,500 MΩ*kft	457 MΩ*km