

1-A-258-12/18-G-19



- 1/4" (6.55 mm) Mono Conductor Cable
- Temperature Rating 550 °F (288°C)
- Conductor – Copper
- Insulation – PFA
- Armor - GIPS

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
Aarmor – Inner : 12 Wires 0.0358":	0.186"	4.724 mm
Aarmor – Outer : 18 Wires 0.0358":	0.258"	6.553 mm

Mechanical Characteristics	English	Metric
Weight in Air:	126 lbs/kft	188 kg/km
Weight in Water:	104 lbs/kft	155 kg/km
Breaking Strength (Ends Fixed):	7,000 lbs	3,175 kg
Working Load (Maximum):	4,200 lbs	1,905 kg
Temperature Rating (Maximum):	550 °F	288 °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:	1.9 ft/kft/klb	2.14 m/km/5kN

Electrical Characteristics	English	Metric
Voltage Rating:	1,200 VDC	1,200 VDC
DC Conductor Resistance at 68°F (20°C):	4.0 Ω/kft	13.1 Ω/km
DC Armor Resistance at 68°F (20°C):	3.0 Ω/kft	9.84 Ω/km
Capacitance Conductor to Armor:	48 pF/ft	156 pF/m
Minimum Insulation Resistance:	1,500 MΩ*kft	457 MΩ*km