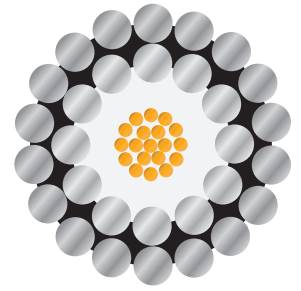


3/8" 380 MONOCONDUCTOR HSLR (12/18)

9.65

- CONDUCTOR:** Copper, Water Blocked.
INSULATION: FEP/ETFE
ARMOR: Galvanized high strength steel (GEIPS) preformed and coated with a corrosion preventative lubricant compound.



Special Sealant is applied between armor layers.

Construction Characteristics		English	Metric
Conductor – # 13 AWG, 19 x 0.0159"	dia.	0.080"	2.019 mm
Wall Thickness:		0.052"	1.314 mm
Insulation – OD:	dia.	0.183"	4.648 mm
Armor – Inner: 12 wires 0.0525"	dia.	0.275"	6.985 mm
Armor – Outer: 18 wires 0.0525"	dia.	0.380"	9.652 mm

Mechanical Characteristics		English	Metric
Weight in Air		269 lb/kft	400 kg/km
Weight in Water		227 lb/kft	338 kg/km
Minimum Breaking Strength, Ends Fixed		17,500 lbf	77.84 kN
Minimum Wire Break Strength (In/Out)		625/625 lbf	2780/2780 N
Maximum Working Load		9,625 lbf	42.81 kN
Temperature Rating (Maximum)		500°F	260°C
Suggested Minimum Sheave	dia.	21"	533 mm
Stretch Coefficient (Nominal)		0.7 ft/kft/klb +0.005"	0.79 m/km/5kN +0.127 mm
Outside Diameter	0.380"	-0.002"	9.65 mm -0.051 mm

Electrical Characteristics	English			Metric		
1ZF7L						
Temperature Rating	1 hr 500°	8 hr 450°	Cont. 400°	1 hr 260°	8 hr 232°	Cont. 204°
Voltage Rating	1500 VDC			1500 VDC		
D.C. Conductor Resistance at 68° F (20° C) (Maximum)	2.2 Ω/kft			7.2 Ω/kft		
D.C. Armor Resistance at 68° F (20° C) (Maximum)	1.5 Ω/kft			4.9 Ω/kft		
Capacitance Conductor to Armor (Maximum)	46 pf/ft			151 pf/ft		
Insulation Resistance (Minimum) @ 500 VDC	1500 MΩ/kft			1500 MΩ/km		