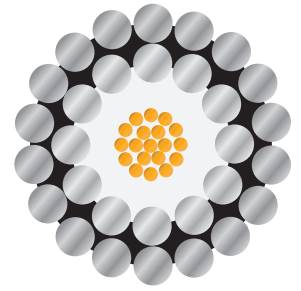


3/8" 380 MONOCONDUCTOR HS (12/18)

9.65 mm

CONDUCTOR: Copper, Water Blocked.
INSULATION: Polypropylene (1ZPL)
ARMOR: FEP/ETFE (1ZFTL)
 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 – # 15 AWG, 19 x 0.0142"	dia.	0.071"	1.803 mm
Wall Thickness:		0.056"	1.422 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	0.79 m/km/5kN
Outside Diameter	0.380"	+0.005"	+0.127 mm
		-0.002"	-0.051 mm

Electrical Characteristics	Temperature Rating			Voltage Rating	D.C. Conductor Resistance at 68° F (20° C) (Maximum)	D.C. Armor Resistance at 68° F (20° C) (Maximum)	Capacitance Conductor to Armor (Maximum)	Insulation Resistance (Minimum) @ 500 VDC
English System								
	1 hr	8 hr	Cont.					
1ZPL	300°	275°	250°	1500 VDC	2.7 Ω/kft	1.5 Ω/kft	40 pf/ft	1500 MΩ/kft
1ZFTL	500°	450°	400°	1500 VDC	2.7 Ω/kft	1.5 Ω/kft	40 pf/ft	1500 MΩ/kft

Metric System								
1ZPL	149°	135°	121°	1500 VDC	8.9 Ω/km	4.9 Ω/km	131 pf/m	5000 MΩ/km
1ZFTL	260°	232°	204°	1500 VDC	8.9 Ω/km	4.9 Ω/km	131 pf/m	5000 MΩ/km