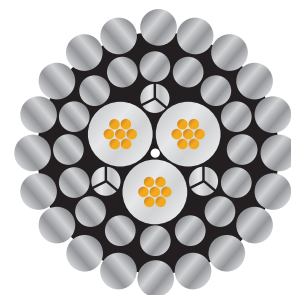


0.384" 384 3-CONDUCTOR HS (16/20)

9.76 mm

CONDUCTOR: Copper, Water Blocked.
INSULATION: Polypropylene
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 – # 18 AWG, 7 x 0.0160"	dia.	0.048"	1.219 mm
Wall Thickness:		0.025"	0.635 mm
Insulation – OD:	dia.	0.098"	2.489 mm
Armor – Inner: 16 wires 0.0435"	dia.	0.287"	7.29 mm
Armor – Outer: 20 wires 0.0485"	dia.	0.384"	9.754 mm

Mechanical Characteristics		English	Metric
Weight in Air		267 lb/kft	397 kg/km
Weight in Water		221 lb/kft	329 kg/km
Minimum Breaking Strength, Ends Fixed		16,500 lbf	73.39 kN
Minimum Wire Break Strength (In/Out)		431/534 lbf	1917/2375 N
Maximum Working Load		9,075 lbf	40.37 kN
Temperature Rating (Maximum)		500°F	260°C
Suggested Minimum Sheave	dia.	20"	508 mm
Stretch Coefficient (Nominal)		0.8 ft/kft/klb +0.006"	0.90 m/km/5kN +0.152 mm
Outside Diameter	0.384"	-0.002"	9.75 mm -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
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English System								
	1 hr	8 hr	Cont.					
7SPK	300°	275°	250°	1200 VDC	5.9 Ω/kft	1.6 Ω/kft	54 pf/ft	1500 MΩ/kft
7STK	500°	450°	400°	1200 VDC	5.9 Ω/kft	1.6 Ω/kft	60 pf/ft	1500 MΩ/kft

Metric System								
	149°	135°	121°					
7SPK	149°	135°	121°	1200 VDC	19.4 Ω/km	5.2 Ω/km	177 pf/m	5000 MΩ/km
7STK	260°	232°	204°	1200 VDC	19.4 Ω/km	5.2 Ω/km	197 pf/m	5000 MΩ/km