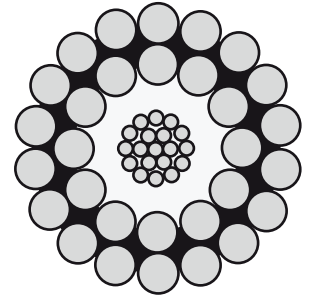


9/32" 288 MONOCONDUCTOR S75 (12/18)

7.32 mm

CONDUCTOR: Copper, Water Blocked.
INSULATION: PFA/ETFE.
ARMOR: SUPA 75 (UNS N08926)

Special Seal is applied between armor layers.



Construction Characteristics		English	Metric
Conductor – # 15 AWG, 19 x 0.0142"	dia.	0.071"	1.803 mm
Wall Thickness:		0.033"	0.826 mm
Insulation – OD:	dia.	0.136"	3.454 mm
Armor – Inner: 12 wires 0.0405"	dia.	0.207"	5.258 mm
Armor – Outer: 18 wires 0.0405"	dia.	0.288"	7.315 mm

Mechanical Characteristics		English	Metric
Weight in Air		167 lb/kft	248 kg/km
Weight in Water		142 lb/kft	211 kg/km
Minimum Breaking Strength, Ends Fixed		8,600 lbf	38.25 kN
Minimum Wire Break Strength (In/Out)		315/315 lbf	1401/1401 N
Maximum Working Load		4,730 lbf	21.04 kN
Temperature Rating (Maximum)		500°F	260°C
Suggested Minimum Sheave	dia.	16"	406 mm
Stretch Coefficient (Nominal)		1.3 ft/kft/klb +0.005"	1.46 m/km/5kN +0.127 mm
Outside Diameter	0.288"	-0.002"	7.32 mm -0.051 mm

Electrical Characteristics	English			Metric		
1ZATL						
Temperature Rating	1 hr 550°	8 hr 500°	Cont. 450°	1 hr 260°	8 hr 232°	Cont. 204°
Voltage Rating	1500 VDC			1500 VDC		
D.C. Conductor Resistance at 68° F (20° C) (Maximum)	2.8 Ω/kft			9.2 Ω/km		
D.C. Armor Resistance at 68° F (20° C) (Maximum)	10.0 Ω/kft			32.8 Ω/km		
Capacitance Conductor to Armor (Maximum)	58 pf/ft			190 pf/m		
Insulation Resistance (Minimum) @ 500 VDC	1500 MΩ/kft			5000 MΩ/km		