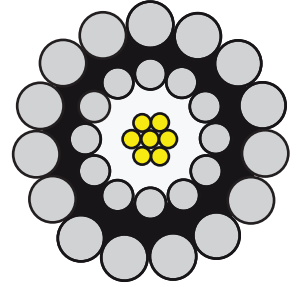


3/16" 185 MONOCONDUCTOR HS (12/15)

4.70 mm

CONDUCTOR: Copper, Water Blocked.
INSULATION: 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 – # 20 AWG, 7 x 0.0128"	dia.	0.038"	0.975 mm
Wall Thickness:		0.011"	0.287 mm
Insulation Conductors - OD:	dia.	0.061"	1.549 mm
Armor – Inner: 12 wires 0.0243"	dia.	0.125"	3.175 mm
Armor – Outer: 15 wires 0.0300"	dia.	0.185"	4.699 mm

Mechanical Characteristics		English	Metric
Weight in Air		66 lb/kft	98 kg/km
Weight in Water		56 lb/kft	83 kg/km
Minimum Breaking Strength, Ends Fixed		4,300 lbf	19.13 kN
Minimum Wire Break Strength (In/Out)		137/207 lbf	609/921 N
Maximum Working Load		2,365 lbf	10.52 kN
Temperature Rating (Maximum)		500°F	260°C
Suggested Minimum Sheave	dia.	12"	305 mm
Stretch Coefficient (Nominal)		3.1 ft/kft/klb	3.48 m/km/5kN
Outside Diameter	0.185"	+0.005"	+0.127 mm
		-0.002"	-0.051 mm

Electrical Characteristics		English			Metric		
IDTK							
Temperature Rating		1 hr 500°	8 hr 450°	Cont. 400°	1 hr 260°	8 hr 232°	Cont. 204°
Voltage Rating		1000 VDC			1000 VDC		
D.C. Conductor Resistance at 68° F (20° C) (Maximum)		9.2 Ω/kft			30.2 Ω/km		
D.C. Armor Resistance at 68° F (20° C) (Maximum)		6.2 Ω/kft			20.3 Ω/km		
Capacitance Conductor to Armor (Maximum)		55 pf/ft			180 pf/m		
Insulation Resistance (Minimum) @ 500 VDC		1500 MΩ/kft			5000 MΩ/km		