

0,31" (7,9 mm) monoconductor



Nº	Properties	Description		O.D. mm Metric	O.D. " Imperial
1	Copper Conductor	Soft copper (2,0 mm ²) 15 AWG	19 x 0,37 mm 19 x 0,014"	1,85	0,072
2	Isulation	FEP	Δ=0,57 mm Δ=0,022"	3,0	0,118
3	Isulation	ETFE	Δ=0,25 mm Δ=0,009"	3,5	0,137
4	Inner Armor	Number and Size of Wires	12 x 1,1 mm 12 x 0,043"	5,7	0,224
5	Outer Armor	Number and Size of Wires	18 x 1,1 mm 18 x 0,043"	7,9	0,311

Cable Diameter		7,9 mm +0,13mm -0,05mm	0,311" +0,005" -0,002"
Minimum Sheave Diameter		460 mm	18,11"
Cable Weight, (in Air)		272 kg/km	182,8 lbs/kft
(in H ₂ O)		233 kg/km	156,6 lbs/kft
Temperature Rating	1 hr. Max Temp	200°C	392°F
	8 hr. Max Temp	190°C	374°F
	24 hr. Max Temp	175°C	347°F
	Cont. Max Temp	170°C	338°F
Cable Breaking Strength Ends Fixed		47 KN	10565 lbs
Maximum Suggested Working Tension		23 KN	5170 lbs
Average Wire Breaking Strength Inner Armor		1,86 KN	418 lbs
Average Wire Breaking Strength Outer Armor		1,86 KN	418 lbs
Maximum Conductor Voltage		1200 VDC	
Recommended Operating Conductor Voltage		500 VDC	
Conductor Typical Resistance		9,97 Ω/km	3,0 Ω/Kft
Minimum Insulation Resistance		2000 MegaΩ/km	500 MegaΩ/Kft

- The armor wire are high tensile, Galvanized Extra Improved Plow Steel (GEIPS) and coated with anti-corrosion compound for protection during shipping and storing. Wires are preformed.
- All values shown are nominal or typical values.