

0,22" (5,7 mm) monoconductor



Nº	Properties	Description		O.D. mm Metric	O.D. " Imperial
1	Copper Conductor	Soft copper (1,35 mm ²) 16 AWG	19 x 0,3 mm 19 x 0,011"	1,5	0,059
2	Isulation	FEP	Δ=0,25 mm Δ=0,009"	2,0	0,078
3	Isulation	ETFE	Δ=0,25 mm Δ=0,009"	2,5	0,098
4	Inner Armor	Number and Size of Wires	12 x 0,8 mm 12 x 0,031"	4,1	0,161
5	Outer Armor	Number and Size of Wires	18 x 0,8 mm 18 x 0,031"	5,7	0,224

Cable Diameter		5,7 mm +0,13mm -0,05mm	0,224" +0,005" -0,002"
Minimum Sheave Diameter		400 mm	15,74"
Cable Weight, (in Air)		145 kg/km	97,4 lbs/kft
(in H ₂ O)		125 kg/km	84,0 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		25 KN	5620 lbs
Maximum Suggested Working Tension		12 KN	2697 lbs
Average Wire Breaking Strength Inner Armor		0,98 KN	220 lbs
Average Wire Breaking Strength Outer Armor		0,98 KN	220 lbs
Maximum Conductor Voltage		1200 VDC	
Recommended Operating Conductor Voltage		500 VDC	
Conductor Typical Resistance		14,1 Ω/km	4,3 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.