

0,47" (12,0 mm) 7-conductor



Nº	Properties	Description		O.D. mm Metric	O.D. " " Imperial
1	Copper Conductor	Soft copper (0,5 mm ²) 20 AWG	7 x 0,32 mm 7 x 0,012"	0,96	0,037
2	Isulation	FEP	Δ=0,29 mm Δ=0,011"	1,55	0,061
3	Isulation	ETFE	Δ=0,29 mm Δ=0,011"	2,13	0,083
4	Core assembly	Conductive composition and string			
5	Tape Type	PET		6,3	0,248
6	Inner Armor	Number and Size of Wires	18 x 1,2 mm 18 x 0,047"	8,7	0,342
7	Outer Armor	Number and Size of Wires	18 x 1,65 mm 18 x 0,064"	12,0	0,472

Cable Diameter		12,0 mm +0,13mm -0,05mm	0,472" +0,005" -0,002"
Minimum Sheave Diameter		810 mm	31,88"
Cable Weight, (in Air)		580 kg/km	389,7 lbs/kft
(in H ₂ O)		489 kg/km	328,6 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		105 KN	23604 lbs
Maximum Suggested Working Tension		52 KN	11689 lbs
Average Wire Breaking Strength Inner Armor		2,37 KN	532 lbs
Average Wire Breaking Strength Outer Armor		4,48 KN	1007 lbs
Maximum Conductor Voltage		1200 VDC	
Recommended Operating Conductor Voltage		500 VDC	
Conductor Typical Resistance		32,2 Ω/km	9,8 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.			