

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	Poly	Δ=0,58 mm Δ=0,022"	2,13	0,083
3	Core assembly	Conductive composition and string			
4	Tape Type	PET		6,3	0,248
5	Inner Armor	Number and Size of Wires	18 x 1,2 mm 18 x 0,047"	8,7	0,342
6	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)		559 kg/km	375,6 lbs/kft
(in H ₂ O)		468 kg/km	314,5 lbs/kft
Temperature Rating	1 hr. Max Temp	150°C	302°F
	8 hr. Max Temp	135°C	275°F
	24 hr. Max Temp	120°C	248°F
	Cont. Max Temp	110°C	230°F
Cable Breaking Strength Ends Fixed		98 KN	22030 lbs
Maximum Suggested Working Tension		49 KN	11015 lbs
Average Wire Breaking Strength Inner Armor		2,21 KN	496 lbs
Average Wire Breaking Strength Outer Armor		4,18 KN	939 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.			