

0,42" (10,8 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	ETFE	Δ=0,46 mm Δ=0,018"	1,88	0,074
3	Core assembly	Conductive composition and string			
4	Tape Type	PET		5,6	0,220
5	Inner Armor	Number and Size of Wires	18 x 1,1 mm 18 x 0,043"	7,8	0,307
6	Outer Armor	Number and Size of Wires	18 x 1,5 mm 18 x 0,059"	10,8	0,425

Cable Diameter		10,8 mm +0,13mm -0,05mm	0,425" +0,005" -0,002"
Minimum Sheave Diameter		580 mm	22,83"
Cable Weight, (in Air)		483 kg/km	324,6 lbs/kft
(in H ₂ O)		409 kg/km	274,8 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		81 KN	18208 lbs
Maximum Suggested Working Tension		40 KN	8992 lbs
Average Wire Breaking Strength Inner Armor		1,86 KN	418 lbs
Average Wire Breaking Strength Outer Armor		3,46 KN	777 lbs
Maximum Conductor Voltage			1000 VDC
Recommended Operating Conductor Voltage			500 VDC
Conductor Typical Resistance		32,2 Ω/km	9,8 Ω/Kft
Minimum Insulation Resistance		15000 MegaΩ/km	4573 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.			