

0,40" (10,36 mm) 3-conductor



Nº	Properties	Description		O.D. mm Metric	O.D. " Imperial
1	Copper Conductor	Soft copper (0,75 mm ²) 20 AWG	7 x 0,38 mm 7 x 0,014"	1,14	0,044
2	Isulation	FEP	Δ=0,33 mm Δ=0,012"	1,8	0,070
3	Isulation	ETFE	Δ=0,45 mm Δ=0,017"	2,7	0,106
4	Tape Type	PET		5,6	0,220
5	Inner Armor	Number and Size of Wires	18 x 1,08 mm 18 x 0,042"	7,76	0,305
6	Outer Armor	Number and Size of Wires	20 x 1,3 mm 18 x 0,051"	10,36	0,407

Cable Diameter		10,36 mm +0,13mm -0,05mm	0,407" +0,005" -0,002"
Minimum Sheave Diameter		518 mm	20,39"
Cable Weight, (in Air)		418 kg/km	280,9 lbs/kft
(in H ₂ O)		340 kg/km	228,5 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		71 KN	15960 lbs
Maximum Suggested Working Tension		35 KN	7868 lbs
Average Wire Breaking Strength Inner Armor		1,79 KN	402 lbs
Average Wire Breaking Strength Outer Armor		2,60 KN	584 lbs
Maximum Conductor Voltage		1400 VDC	
Recommended Operating Conductor Voltage		500 VDC	
Conductor Typical Resistance		25,0 Ω/km	7,6 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.			