
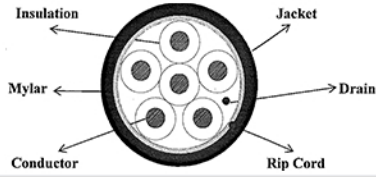



# Product Specification



22-6/OS	Cross Section	Packaging
<p>Spec No: S-182</p> <p>Date: 7/4/19</p> <p>Approved By: Brian Rizzo</p> 		<p>Box 1000 Ft.</p> <p>Colors</p> 

## Performance



Electrical Characteristics (20°C)	
<b>Item</b>	22AWG x 6 Cores
<b>Rating Temp &amp; Voltage</b>	20°C ~60°C, 300V
<b>Conductor Resistance (Ohm/Km/20°C Max)</b>	55.40
<b>Insulation Resistance</b>	100 Mega Ohm.Km at 20°C (Minimum)
<b>Dielectric Strength (Under Water)</b>	AC 500 V/1 Minute (No Broken)
<b>Spark Test</b>	2.5 KV for 0.15 seconds (No Broken)
<b>Impedance</b>	56.21 ohm (Max)
<b>Insulation</b>	
Unaged Tensile Strength	13.8 Mpa (1.41 Kg/mm <sup>2</sup> ) (Minimum)
Unaged Elongation	100% (Minimum)
Aged Tensile Strength	Unaged Min. 70% (100±1°C x 240 Hrs)
Aged Elongation	Unaged Min. 65% (100±1°C x 240 Hrs)
<b>Jacket</b>	
Unaged Tensile Strength	13.8 Mpa (1.41 Kg/mm <sup>2</sup> ) (Minimum)
Unaged Elongation	100% (Minimum)
Aged Tensile Strength	Unaged Min. 70% (100±1°C x 240 Hrs)
Aged Elongation	Unaged Min. 65% (100±1°C x 240 Hrs)
<b>Cold Bend Test</b>	
<b>Capacitance</b>	-20±1°C x 4Hrs (No Crack) 27.41 Pf/Feet (Max.)

*Sequential footmarks applied every four feet in conjunction with the print legend.  
"XXX/XXX" Stands for Length. eg: 000/1000; 004/0996; 008/0992...*

## Construction

<b>Conductor Size</b>	AS Annealed Copper Stranded 22AWG x 6 Cores
<b>Construction (mm)</b>	7/0.246±0.003(*)
<b>Insulation</b>	
Avg. Thickness (mm)	0.20
Min. Thickness (mm)	0.16
Diameter (mm)	1.15±.015
Material	PP
Color	Core 1: Black, Core 2: Red Core 3: White Core 4: Green Core 5: Brown Core 6: Blue
<b>Shielded</b>	
AL-Mylar (Thickness mm)	0.025
Drain Wire (TS)	7/0.198±0.003
<b>Ripcord</b>	Nylon (1000D)
<b>Jacket</b>	
Avg. Thickness (mm)	0.38
Min. Thickness (mm)	0.30
Diameter (mm)	4.20±0.20
Material	Lead Free PVC
Color	Gray

## Compliance

		<b>CL3</b>	<b>FT4</b>
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## Jacket Marking (Black)

ICE CABLE SYSTEMS 22-6 SHIELDED STRANDED LOCATION: FRONT DR BACK DR GATE POOL SIDE A SIDE B PERIMETER 1 2 3 4 5 6 ROOM: EN ENT KIT NK FAM LR DR POWD  
OFF POO PAT MBR MBA BR1 BR2 BR3 BR4 BR5 GAR GYM "ROHS 2.0" XXX/XXX FT MDDYY