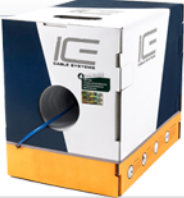
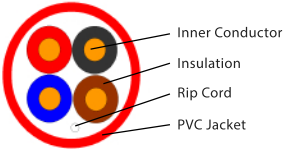




# Product Specification



<p>18-4/FPLR</p> <p><b>Spec No:</b> S-046</p> <p><b>Date:</b> 8/23/17</p> <p><b>Approved By:</b> Brian Rizzo</p> 	<p>Cross Section</p> 	<p>Packaging</p> <p> Spool 305m</p> <p><b>Colors</b></p> 
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### Description

Structured cable products, Unshielded cable, FPLR Rated

<b>Insulation</b>	
Material:	PVC
Thickness (mm):	0.25mm
Insulation Diameter (mm):	1.5 +/- 0.1mm
Color:	red, black, blue & brown
<b>Ripcord</b>	
Material:	Nylon (150D)
<b>Jacket</b>	
Material:	PVC
Nominal Thickness (mm)	0.6 +/- 0.05
Cable Dia. (mm)	4.8 +/- 0.3
Color:	Red

### Construction

4 core	Oxygen Free Copper Wire Solid
AWG	18
Stranding ( wire NO./wire dia. mm)	1/1.02 +/- 0.01mm

### Electrical Characteristics

<b>Description</b>	
Temperature & Voltage Rating	75°C / 300V
Spark test	2500V DC
Cable cold bend	-20° for 4 hours
Conductor DC resistance	≤ 22.7 Ohms/KM
Dielectric strength	1500V AC for 2s
Insulation resistance	≥50MΩ/KM
<b>Temperature Range</b>	
Storage & Shipping	-20~75°C
Installation	0~60 °C
Operation	75 °C
Minimum Bending Radius	≥ 20 * Ø

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

### Compliance

<b>ETL</b>	<b>RoHS</b>	<b>CCS</b>	<b>FT4</b>
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## Jacket Marking (Black)

ICE CABLE SYSTEMS 18-4 SOLID FIRE ALARM CABLE 18AWG 4C E493625 (UL) FPLR c(UL) FAS 75C LOCATION:FRONT DR BACK DR GATE POOL SIDE A SIDE B PERIMETER 1 2 3 4 5 6 ROOM:ENT KIT FAM LR DR OFF PAT MBR BR1 BR2 GAR "ROHS" 000/500FT MMDDYY