

# ISOTEC INC.

**QUALITY WIRE AND CABLE**

## Product Specification Sheet

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**ISOTEC PART/QUOTE NUMBER:** IP186AL-52  
**CUSTOMER PART NUMBER:**

**DESCRIPTION:** 18 AWG 6 CONDUCTORS 7/26 BARE COPPER, .008" SMOKEGUARD PVC, OVERALL ALUMINUM POLYESTER FOIL SHIELD, 22 AWG 7/30 TINNED COPPER DRAIN OUT, OVERALL .015" SMOKEGUARD PVC JACKET NATURAL CMP C(UL)US OR (UL) CL3P FT-6 300V 60C

<b>CONDUCTOR/PAIR COUNT:</b>	6 CONDUCTORS	<b>JACKET THICKNESS:</b>	.015"
<b>GAUGE &amp; STRANDING:</b>	18 AWG 7/26 BC	<b>JACKET COLOR:</b>	NATURAL
<b>D.C. RESISTANCE:</b>	6.4 Ω/MFT	<b>JACKET MATERIAL:</b>	SGPVC
<b>PRIMARY INSULATION TYPE:</b>	SGPVC	<b>RIPCORD:</b>	YES
<b>INSULATION THICKNESS:</b>	.008"	<b>NOMINAL O.D.:</b>	.218"
<b>COLOR CODE:</b>	Black, White, Red, Green, Brown, Blue	<b>VOLTAGE RATING:</b>	300V
<b>SHIELD:</b>	ALUMINUM POLYESTER	<b>TEMP. RATING:</b>	60C
<b>TAPE:</b>	N/A	<b>UL TYPE OR STYLE:</b>	CMP OR CL3P
<b>DRAIN WIRE:</b>	22 AWG 7/30 TC	<b>PACKAGING:</b>	TBA
<b>CAP. COND TO COND.:</b>	51 pF/ft	<b>COPPER WEIGHT:</b>	33.81 LBS/MFT
<b>CAP. COND TO SHIELD:</b>	92 pF/ft	<b>SHIPPING WEIGHT:</b>	54 LBS/MFT
<b>FOOTAGE MARKERS:</b>	ASCENDING & DESCENDING		
<b>PRINT LEGEND:</b>	IP186AL-52 ISOTEC, INC. 18 AWG CMP C(UL)US OR (UL) CL3P FT-6		

**NOTES:** Shipping Tolerance: +/- 10%  
 Length Tolerance: +/- 10%  
 Random/Odd Length Tolerance: May ship up to 15% of order total on random/odd lengths.  
 All wall thickness and diameter as well as electrical information is nominal.

**ACCEPTANCE OF ABOVE DESIGN:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

Isotec makes every effort to provide accurate specifications. Printing errors are subject to correction.  
 Standard product specifications are subject to change without notice. Contact your Isotec sales person for current specifications.  
 Material will not be release to production until sign spec is confirm.

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