



## Product Specification Sheet

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**ISOTEC PART/QUOTE NUMBER:** I161FPL1-07  
**CUSTOMER PART NUMBER:**

**DESCRIPTION:** 16 AWG 1 CONDUCTOR SOLID BARE COPPER, .020" PVC PURPLE 105C FPL C(UL)US

|                                 |   |                          |               |
|---------------------------------|---|--------------------------|---------------|
| <b>CONDUCTOR/PAIR COUNT:</b>    | 1 CONDUCTOR   | <b>JACKET THICKNESS:</b> | N/A           |
| <b>GAUGE &amp; STRANDING:</b>   | 16 AWG 1C SOLID BC                                    | <b>JACKET COLOR:</b>     | N/A           |
| <b>D.C. RESISTANCE:</b>         | 4.0 Ω/MFT   | <b>JACKET MATERIAL:</b>  | N/A           |
| <b>PRIMARY INSULATION TYPE:</b> | PVC   | <b>RIPCORD:</b>          | N/A           |
| <b>INSULATION THICKNESS:</b>    | .020"   | <b>NOMINAL O.D.:</b>     | .088"         |
| <b>COLOR CODE:</b>              | PURPLE  | <b>VOLTAGE RATING:</b>   | 300V          |
| <b>SHIELD:</b>                  | N/A   | <b>TEMP. RATING:</b>     | 105C          |
| <b>TAPE:</b>                    | N/A   | <b>UL TYPE OR STYLE:</b> | FPLR          |
| <b>DRAIN WIRE:</b>              | N/A   | <b>PACKAGING:</b>        | TBA           |
| <b>CAP. COND TO COND.:</b>      | N/A   | <b>COPPER WEIGHT:</b>    | 5.98          |
| <b>CAP. COND TO SHIELD:</b>     | N/A   | <b>SHIPPING WEIGHT:</b>  | 35.75 LBS/MFT |
| <b>FOOTAGE MARKERS:</b>         | ASCENDING & DESCENDING                                |                          |               |
| <b>PRINT LEGEND:</b>            | I161FPL1-07 ISOTEC, INC. 16 AWG 105C TYPE FPL C(UL)US |                          |               |

**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 salesperson for current specifications.  
 Material will not be released to production until signed spec is confirmed.