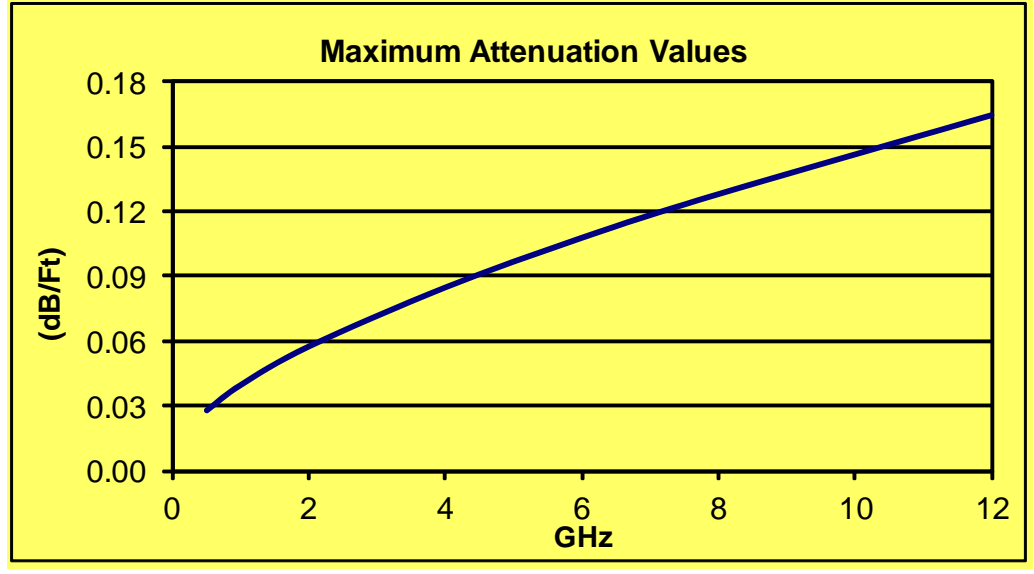



| Part                 | Description                      | Diameter         |
|----------------------|----------------------------------|------------------|
| 1 – Center Conductor | Silver Plated Copper- Stranded   | 0.129" +/- 0.001 |
| 2 – Dielectric       | Microporous PTFE Tape            | 0.357"(nominal)  |
| 3 – Outer Conductor  | Silver Plated Copper Flat Braid  | 0.369" (nominal) |
| 4 – Interlayer       | Helically Wrap Metalized Film    | 0.378"(nominal)  |
| 5 – Shield           | Silver Plated Copper Round Braid | 0.403" (nominal) |
| 6 – Jacket           | Extruded FEP                     | 0.450" +/- 0.010 |
|                      | Extruded Polyurethane            | 0.520" +/- 0.010 |

|                                |                      |
|--------------------------------|----------------------|
| <b>VSWR</b>                    | <b>1.20 : 1</b>      |
| <b>Impedance</b>               | <b>50 +/- 2 ohms</b> |
| <b>Velocity of Propagation</b> | <b>78% Nominal</b>   |
| <b>Delay</b>                   | <b>1.35 ns/ft</b>    |
| <b>Capacitance</b>             | <b>27 pF</b>         |
| <b>Maximum Frequency</b>       | <b>12Ghz</b>         |

| Freq(GHz)          | 0.5   | 1     | 2     | 4     | 6     | 8     | 12    |
|--------------------|-------|-------|-------|-------|-------|-------|-------|
| Attenuation(dB/Ft) | 0.028 | 0.040 | 0.057 | 0.085 | 0.108 | 0.128 | 0.164 |



**CABLE OVERVIEW**

|   |              |  |                |           |
|---|--------------|--|----------------|-----------|
|  | PRODUCT LINE |  | <b>SEMFLEX</b> |           |
|   | DESCRIPTION  |  |                |           |
| DATE  | 2/17/2012    |  | SIZE           | RoHS      |
| DRAWN BY  | J. Vidallon  |  | A              | COMPLIANT |
| REVISID   | 8/31/2018    |  | DOCUMENT       | WI-88123  |
| Form# 1327 Rev 1  |              |  | SHEET          | 1 OF 14   |