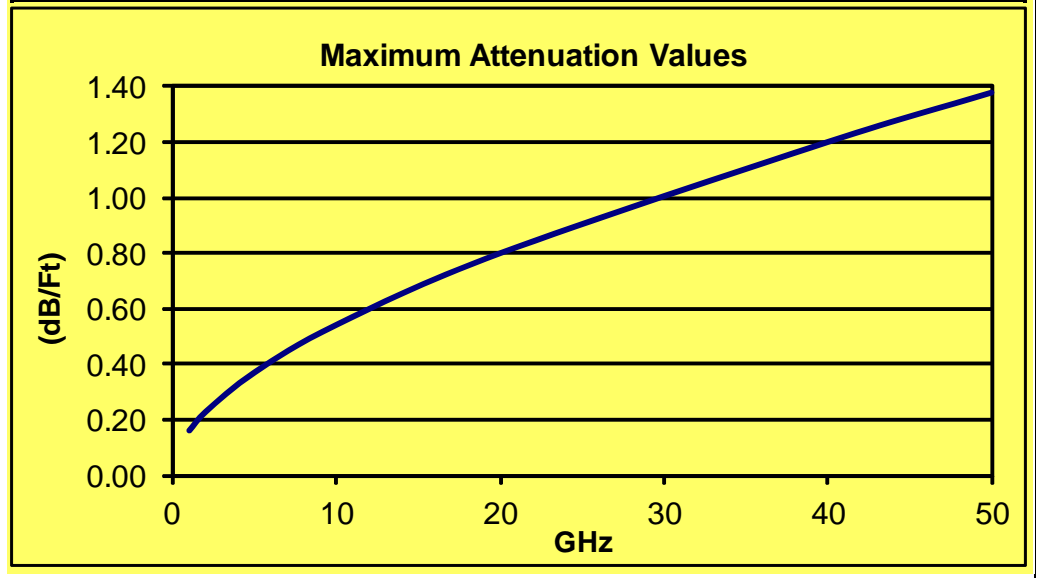



| Part | Description | Diameter |
|----------------------|----------------------------------|------------------|
| 1 – Center Conductor | Silver Plated Copper- Solid | 0.025" +/- 0.001 |
| 2 – Dielectric | Microporous PTFE Tape | 0.074" (nominal) |
| 3 – Outer Conductor | Silver Plated Copper Flat Braid | 0.080" (nominal) |
| 4 – Interlayer | Helically Wrap Metalized Film | 0.088" (nominal) |
| 5 – Shield | Silver Plated Copper Round Braid | 0.104" (nominal) |
| 6 – Jacket | Extruded FEP | 0.124" +/- 0.005 |
| | | |

| | |
|--------------------------------|----------------------|
| VSWR | 1.20 : 1 |
| Impedance | 50 +/- 2 ohms |
| Velocity of Propagation | 74% Nominal |
| Delay | 1.34 ns/ft |
| Capacitance | 26.7 pF |
| Maximum Frequency | 50Ghz |

| Freq(GHz) | 1 | 2 | 5 | 10 | 20 | 40 | 50 |
|--------------------|-------|-------|-------|-------|-------|-------|-------|
| Attenuation(dB/Ft) | 0.158 | 0.226 | 0.369 | 0.540 | 0.798 | 1.199 | 1.377 |



CABLE OVERVIEW

| | | | | |
|---|--------------|--|-------------------|-----------|
|  | PRODUCT LINE | | SEMIFLEX | |
| | DESCRIPTION | | | |
| HP120S Cable, 25ft length | | | | |
| DATE | 8/24/18 | | SIZE | A |
| DRAWN BY | | | RoHS | COMPLIANT |
| REVISED | | | DOCUMENT | 88142-L25 |
| | | | Form# 1327 Rev. 1 | SHEET |