



**CHARACTERISTICS****Caractéristiques d'utilisation**

|  |   |
|--|---|
| Température ambiante d'utilisation, plage          | -55 ... 200 °C  |
| Rayon de courbure minimum en utilisation statique  | 15 mm   |
| Rayon de courbure minimum en utilisation dynamique | 28,0 mm   |
| Non propageateur de la flamme                      | FAR/JAR part 25 sec 25.869 (a)(4) Appendix F part 1 (3) |
| Résistance aux huiles                              | Very good resistance to aircraft fluids                 |
| Conforme RoHS                                      | Oui   |

**ELECTRICAL CHARACTERISTICS**

|                                 |  |
|---------------------------------|--|
| Operating frequency             | : up to 3 GHz                                      |
| Dielectric strength             | : 1500Vac  |
| Operating voltage               | : 1300Vac  |
| Isulation resistance            | : $\geq 5000 \text{ M}\Omega \cdot \text{km}$      |
| Characteristic impedance        | : $50 \pm 5 \Omega$                                |
| Linear capacitance              | : $95 \pm 10 \text{ pF/m}$                         |
| Nominal velocity of propagation | : 207 000 km/s (69% relative)                      |
| Transfer Impedance              | : $\leq 45 \text{ m}\Omega/\text{m}$ up to 100 MHz |

**ATTENUATION AND POWER HANDLING**

| Frequency<br>(MHz) | Max. Rated Power<br>(W) | Max. Attenuation at 20°C<br>(dB/100m) |
|--------------------|-------------------------|---------------------------------------|
| 50                 | 600                     | 26                                    |
| 100                | 400                     | 36                                    |
| 200                | 270                     | 55                                    |
| 400                | 180                     | 78                                    |
| 1000               | 120                     | 140                                   |
| 3000               | 75                      | 195                                   |