



CA320

## 结构参数 Construction Specification

|                        | 材料 Material   | 直径 Diameter(mm) |
|------------------------|---------------|-----------------|
| 1. 内导体 Inner Conductor | 镀银铜包钢         | 0.92            |
| 2. 绝缘体 Dielectric      | PTEF          | 2.98            |
| 3. 外导体 Outer Conductor | 绕包镀银带 + 镀银线编织 | 3.45            |
| 4. 外护套 Jacket          | FEP           | 4.01            |

## 电性能参数 Electrical Characteristics

|                                     |      |
|-------------------------------------|------|
| 电容 Capacitance ( pF/m )             | 95.1 |
| 阻抗 Impedance ( ohms )               | 50   |
| 速率 Velocity ( % )                   | 70   |
| 工作频率 Operating Frequency ( GHz )    | 34   |
| 延时 Time Delay ( ns/m )              | 4.7  |
| 最大工作电压 ( KVrms )                    | 1.9  |
| 屏蔽衰减 Shielding Effectiveness ( dB ) | >100 |

## 衰减 Attenuation

| 频率<br>Frequency ( GHz ) | 衰减<br>Attenuatio ( dB/100m ) | 频率<br>Frequency ( GHz ) | 衰减<br>Attenuatio ( dB/100m ) |
|-------------------------|------------------------------|-------------------------|------------------------------|
| 0.01                    | 3.6                          | 1.00                    | 39.5                         |
| 0.05                    | 8.1                          | 1.20                    | 43.7                         |
| 0.10                    | 11.6                         | 1.40                    | 47.6                         |
| 0.15                    | 14.3                         | 1.50                    | 49.5                         |
| 0.20                    | 16.7                         | 1.60                    | 51.3                         |
| 0.30                    | 20.6                         | 1.80                    | 54.8                         |
| 0.40                    | 24.1                         | 1.90                    | 56.5                         |
| 0.45                    | 25.6                         | 2.00                    | 58.2                         |
| 0.50                    | 27.1                         | 3.00                    | 73.5                         |
| 0.60                    | 29.9                         | 5.00                    | 99.4                         |
| 0.80                    | 35.0                         | 7.50                    | 127.2                        |
| 0.85                    | 36.1                         | 10.00                   | 152.3                        |
| 0.90                    | 37.3                         | 12.50                   | 175.5                        |
| 0.95                    | 38.4                         | 18.00                   | 222.6                        |