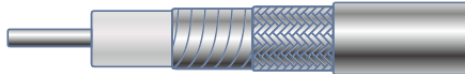


| 产品规格 Product Type                       |                     | TSA-220                                                                              |          |         |       |  |
|-----------------------------------------|---------------------|--------------------------------------------------------------------------------------|----------|---------|-------|--|
| 结构图 Structure Drawing                   |                     |    |          |         |       |  |
| 结构特性 Structure Characteristics          |                     |                                                                                      |          |         |       |  |
| 结构 Structure                            | 项目 Item             | 标准值 Standard Value                                                                   |          |         |       |  |
| 内导体<br>Inner Conductor                  | 材质 Material         | 镀银铜线 Silverplated Copper Wire                                                        |          |         |       |  |
|                                         | 结构 Construction(mm) | 1/0.51                                                                               |          |         |       |  |
|                                         | 标称外径 Nom.Dia(mm)    | 0.51±0.02                                                                            |          |         |       |  |
| 绝缘层<br>Insulation                       | 材质 Material         | 低密度聚四氟乙烯 LD-PTFE                                                                     |          |         |       |  |
|                                         | 标称外径 Nom.Dia(mm)    | 1.38±0.05                                                                            |          |         |       |  |
| 外导体<br>Outer Conductor                  | 材质 Material         | 镀银铜带 Silverplated Copper Strip                                                       |          |         |       |  |
|                                         | 标称外径 Nom.Dia(mm)    | 1.60±0.05                                                                            |          |         |       |  |
|                                         | 材质 Material         | 镀银铜线 Silverplated Copper Wire                                                        |          |         |       |  |
|                                         | 标称外径 Nom.Dia(mm)    | 1.90±0.05                                                                            |          |         |       |  |
| 护套<br>Jacket                            | 材质 Material         | 聚全氟乙丙烯 FEP 灰色                                                                        |          |         |       |  |
|                                         | 标称外径 Nom.Dia(mm)    | 2.20±0.10                                                                            |          |         |       |  |
| 电气性能 Electrical Characteristics         |                     |                                                                                      |          |         |       |  |
| 项目 Item                                 | 标准值 Standard Value  | 项目 Item                                                                              | 频率 (MHz) | dB/100m | kw    |  |
| 阻抗 Impedanc (Ω)                         | 50±2                | 衰减<br>Attenuation<br>(25℃ 室温)<br>(dB/100m)<br>功率<br>Power<br>(室温, 海平面, 驻波 1.1)<br>kw | 900      | 59.81   | 0.286 |  |
|                                         |                     |                                                                                      | 1000     | 63.11   | 0.271 |  |
| 电容 Capacitance(pF/m)                    | 81.4                |                                                                                      | 1500     | 77.70   | 0.220 |  |
|                                         |                     |                                                                                      | 2000     | 90.11   | 0.190 |  |
| 速率 Velocity(%)                          | 82                  |                                                                                      | 3000     | 111.16  | 0.154 |  |
|                                         |                     |                                                                                      | 4000     | 129.13  | 0.132 |  |
| 峰值功率 Max Power (KW)                     | 0.63                |                                                                                      | 5000     | 145.14  | 0.118 |  |
|                                         |                     |                                                                                      | 6000     | 159.75  | 0.107 |  |
| 最大工作电压 Max.Operating Voltage(V)         | 500 DC              |                                                                                      | 8000     | 186.01  | 0.092 |  |
|                                         |                     |                                                                                      | 10000    | 209.50  | 0.082 |  |
| 截止频段 Cutoff Frequency(GHz)              | 83                  |                                                                                      | 12000    | 231.01  | 0.074 |  |
|                                         |                     |                                                                                      | 12400    | 235.12  | 0.073 |  |
| 介电常数 Dielectric constant                | 1.49                |                                                                                      | 13500    | 246.14  | 0.069 |  |
|                                         |                     |                                                                                      | 15000    | 260.58  | 0.066 |  |
| 时延 Time delay (nS/m)                    | 4.06                |                                                                                      | 18000    | 287.72  | 0.059 |  |
|                                         |                     |                                                                                      | 24000    | 336.89  | 0.051 |  |
| 重量 Weight (g)                           | 18                  |                                                                                      | 26500    | 355.86  | 0.048 |  |
|                                         |                     |                                                                                      | 40000    | 448.00  | 0.038 |  |
| 可靠性 Dependability                       |                     |                                                                                      |          |         |       |  |
| 最小弯曲半径(单次)Min.Bending Radius/Single     |                     | mm                                                                                   | 15       |         |       |  |
| 最小弯曲半径 (重复) Min.Bending Radius/Repeated |                     | mm                                                                                   | 36       |         |       |  |
| 工作温度范围 Operating Temperature            |                     | ℃                                                                                    | -55-+165 |         |       |  |
| 使用提示 Trips for Use                      |                     |                                                                                      |          |         |       |  |
| 存储环境 Storage Environment                |                     | 温度: 30℃以下, 湿度: 20-65%                                                                |          |         |       |  |
| 同类产品替换 Similar Cable to Replace         |                     |                                                                                      |          |         |       |  |
| 电缆型号 Cable Type                         |                     | 可替代型号 Replaceable Type                                                               |          |         |       |  |
| TSA-220                                 |                     | CXN3506                                                                              |          |         |       |  |

