


Фазостабильный кабель с низкими потерями серии C

| | | | | |
|---|-----------------------|--|------------------------------|-----------------------------|
| Product Type | | C16 | | |
| Structure Drawing | |  | | |
| Structure Characteristics | | | | |
| Structure | Item | Standard Value | | |
| Inner Conductor | Material | Silver Plated Copper | | |
| | Construction(mm) | 1/0.30 | | |
| | Nom.Dia(mm) | 0.30 | | |
| Insulation | Material | PTFE | | |
| | Nom.Dia(mm) | 0.97 | | |
| Inner shield | Material | Flat Silver Plated Copper Wrapped Strip | | |
| | Nom.Dia(mm) | 1.12 | | |
| Outer shield | Material | Round Silver Plated Copper Braided Wire | | |
| | Nom.Dia(mm) | 1.32 | | |
| Jacket | Material | Blue FEP | | |
| | Nom.Dia(mm) | 1.60 | | |
| Electrical Characteristics | | | | |
| Item | Standard Value | Attenuation and Power handling@25°C and Sea Level | | |
| | | Frequency (MHz) | Attenuation (dB/100m) | Power handling (w) |
| Impedance (Ω) | 50 | 500 | 95.40 | 100 |
| Capacitance(pF/m) | 94 | 1000 | 135.16 | 71 |
| Velocity of Propagation | 70% | 3000 | 235.15 | 41 |
| Max Operating Frequency(GHz) | 110 | 6000 | 333.99 | 29 |
| Screening Effectiveness (dB) | >90 | 10000 | 433.03 | 22 |
| Maximum Operating Voltage (V@DC) | 50 | 16000 | 550.49 | 17 |
| | | 18000 | 584.73 | 16 |
| Phase Change VS Bending(°/GHz) | ±0.3 | 26500 | 713.30 | 13 |
| | | 40000 | 882.46 | 11 |
| Phase Change VS Temperature | N/A | 67000 | 1154.58 | 8 |
| | | 110000 | 1499.19 | 6 |
| Mechanical & Environmental Characteristics | | | Replaceable Type | |
| Min Bending Radius/Single | 8mm | Temp-Flex | 047SC-2901 | |
| Min Bending Radius/Repeated | 16mm | | | |
| Weight | 0.006kg/m | | | |
| Operating Temperature | -55-+125°C | | | |