


Фазостабильный кабель с низкими потерями серии F

| Product Type | | F150 | | |
|--|------------------|--|-----------------------|----------------------|
| Structure Drawing | |  | | |
| Structure Characteristics | | | | |
| Structure | Item | Standard Value | | |
| Inner Conductor | Material | Silver Plated Copper | | |
| | Construction(mm) | 19/0.88 | | |
| | Nom.Dia(mm) | 4.40 | | |
| Insulation | Material | LD-PTFE | | |
| | Nom.Dia(mm) | 12.90 | | |
| Inner shield | Material | Flat Silver Plated Copper Braided Strip | | |
| | Nom.Dia(mm) | 13.22 | | |
| Interlayer | Material | High temperature aluminium foil | | |
| | Nom.Dia(mm) | 13.55 | | |
| Outer shield | Material | Round Silver Plated Copper Braided Wire | | |
| | Nom.Dia(mm) | 13.85 | | |
| Jacket | Material | Transparent Blue FEP | | |
| | Nom.Dia(mm) | 15.00 | | |
| 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 | 300 | 5.45 | 7653 |
| Capacitance(pF/m) | 88 | 500 | 7.10 | 5872 |
| Velocity of Propagation | 76% | 1000 | 10.21 | 4082 |
| Max Operating Frequency(GHz) | 8 | 2000 | 14.79 | 2819 |
| Screening Effectiveness (dB) | >100 | 2500 | 16.69 | 2498 |
| | | 3000 | 18.44 | 2261 |
| Maximum Operating Voltage (V@DC) | 50 | 4000 | 21.60 | 1929 |
| | | 5000 | 24.47 | 1704 |
| Phase Change VS Bending(°/GHz) | ±0.2 | 6000 | 27.11 | 1537 |
| | | 7000 | 29.59 | 1409 |
| Phase Change VS Temperature | ≤1500 PPM | 8000 | 31.94 | 1305 |
| | | | | |
| Mechanical & Environmental Characteristics | | | Replaceable Type | |
| Min Bending Radius/Single | 60mm | Times | SFT-600 | |
| Min Bending Radius/Repeated | 120mm | | | |
| Weight | 0.432kg/m | | | |
| Operating Temperature | -55-+200°C | | | |