# SR-141/50-TP

| Description | Specification |
| --- | --- |
| Copper Jacketed Semi Rigid 141 Size<br>50 Ohm Tin Plated | Mil-C-17/130 |

## CONSTRUCTION

| NO | ITEM | MATERIAL | DIAMETER | REMARK |
| --- | --- | --- | --- | --- |
| 1 | CENTER CONDUCTOR | SPC | 0.92 ± 0.02mm | Solid type |
| 2 | DIELECTRIC | PTFE | 2.95 ± 0.03mm | SOLID |
| 3 | OUTER SHIELD | TP | 3.58 ± 0.05mm | TUBE/100% COVERAGE |

## 비고

| SPCW | PTFE | TP |
| --- | --- | --- |
| Silver Plated Copper clad steel Wire | Polytetrafluoroethylene | Tinned Plated |

## ELECTRICAL DATA

| ITEM | SPECIFICATION | | |
| --- | --- | --- | --- |
| Operating frequency | Max. 18GHz | | |
| Conductor resistance | Max. 2.06 Ω / 100ft (20℃) | | |
| Dielectric resistance | Min. 1000㏁ .km (20℃) | | |
| Test voltage | 5000Vrms (1min) | | |
| Velocity of propagation | Nom. 69.5% | | |
| Capacitance | Max. 95.2 pF/m | | |
| Characteristic impedance | 50 ± 2Ω | | |
| Operating Temp | -40℃~185℃ | | |
| Bending Radius | 6.4 mm | | |
| Approx. weight | 46.7 kg/km | | |
| Maximum Attenuation | 1 GHz | 0.14 dB/m | 336.2 Watt |
| | 5 GHz | 0.91 dB/m | 140.4 Watt |
| | 10 GHz | 1.36 dB/m | 94.6 Watt |
| | 18 GHz | 1.96 dB/m | 66.8 Watt |

SJ CABLE

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