

SRFS TELEINFRA



1-5/8 " Radiation Leaky Cable



| Structure | | |
|---------------------------|-------------------------|-----------|
| Inner Conductor | Helical Copper Tube | 17.3mm |
| Insulation Layer | Physical Foamed PE | 43.2mm |
| Outer Conductor | Copper foil | 44.2mm |
| Sheath | LSZH | 48.0mm |
| Electrical Specifications | | |
| Characteristic Impedance | Nominal Value | 50±2Ω |
| Transmission Rate | Nominal Value | 88% |
| Capacity | Nominal Value | 76pF/m |
| Insulation Resistance | DC 500V, 1Min, Minimum. | 5000MΩ·km |
| Insulation Dielectric | Continue 1Min, DC | 15000V |
| Sheath Spark Test | AC Valid Value | 10000V |
| DC-resistance | Inner conductor Max. | 1.50Ω/km |
| DC-resistance | Outer conductor Max. | 1.60Ω/km |
| Mechanical Specifications | | |
| Single Bending Radius | Min. | 500mm |
| Repeated Bending Radius | Min. | 500mm |
| Number of Bends | Min. | 15 times |
| Tensile resistance | Max | 2500N |
| Single Bending Radius | Min. | 500mm |



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www.srfsteleinfra.in

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| VSWR | | |
|------------------------------|----------------------------|------------------------|
| 790~960MHz | Max. | 1.3 |
| 1700~1900MHz | Max. | 1.3 |
| 1920~2025MHz | Max. | 1.4 |
| 2110~2200MHz | Max. | 1.4 |
| 2300~2500MHz | Max. | 1.4 |
| 2500~2700MHz | Max. | 1.4 |
| Frequency (MHz) | Attenuation (dB/100m, ±5%) | Coupling Loss (dB±5dB) |
| 700 | 2.0 | 85 |
| 800 | 2.2 | 82 |
| 900 | 2.4 | 81 |
| 1800 | 3.7 | 72 |
| 1900 | 3.8 | 73 |
| 2000 | 4.0 | 71 |
| 2200 | 4.5 | 71 |
| 2400 | 4.9 | 70 |
| 2600 | 5.5 | 68 |
| 2700 | 6.1 | 70 |
| Environmental Specifications | | |
| Storage Temperature | -40~+80°C | |
| Install Temperature | -40~+80°C | |
| Working Temperature | -40~+80°C | |



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