

SRFS TELEINFRA



1-1/4 " Radiation Leaky Cable



Structure		
Inner Conductor	Helical Copper Tube	13.8mm
Insulation Layer	Physical Foamed PE	33.2mm
Outer Conductor	Copper foil	34.0mm
Sheath	LSZH	37.6mm
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	10000V
Sheath Spark Test	AC Valid Value	10000V
DC-resistance	Inner conductor Max.	2.00Ω/km
DC-resistance	Outer conductor Max.	3.00Ω/km
Mechanical Specifications		
Single Bending Radius	Min.	400mm
Repeated Bending Radius	Min.	500mm
Number of Bends	Min.	15 times
Tensile resistance	Max	2000N



Plot no 10 Shiv Vihar A Block Najafgarh Nala Road Vikasnagar Uttam Nagar New Delhi-110059

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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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