

7-8" Radiation Leaky Cable

Picture:



Structure

Inner Conductor	Copper Tube	9.0mm
Insulation Layer	Physical Foamed PE	22.8mm
Outer Conductor	Copper foil	24.0mm
Sheath	LSZH	27.2mm

Note: The outer diameter of the above products is the nominal value.

Electrical Performance

Characteristic Impedance	Nominal Value	$50 \pm 2\Omega$
Transmission Rate	Nominal Value	88%
Capacity	Nominal Value	76pF/m
Insulation Resistance	DC 500V, 1Min, Minimum.	5000M Ω ·km
Insulation Dielectric Strength	Continue 1Min, DC	10000V
Sheath Spark Test	AC, Valid Value	8000V
DC-resistance	Inner conductor Max.	1.50 Ω /km
DC-resistance	Outer conductor Max.	3.50 Ω /km

Mechanical Characteristics

Single Bending Radius	Min.	250mm
Repeated Bending Radius	Min.	300mm
Number of Bends	Min.	15 times
Tensile resistance	Max	1300N

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VSWR

750~850MHz	Max.	1.3
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*Contact TD for your VSWR performance specification for your required frequency band.

Attenuation and Coupling Loss (95%, 2m)

Frequency (MHz)	Attenuation (dB/100m, ±5%)	Coupling Loss (dB±5dB)
800	4.7	80

Environmental Temperature

Storage Temperature	-25~+80°C
Install Temperature	-25~+80°C
Working Temperature	-25~+80°C