

TECHNICAL DATA SHEET - NEXTRA RG6U LSZH

Title	RG6U LSZH	Publisher	Oct 21,2015	
		Confirmer	Inspector	Producer
1.Application:This specification is applicable to the coaxial cable				
2.Reference: Enterprise standard or customer's sample spec.standard.				
3.Construction:				
Item	specification & Design	Diameter mm		
Conductor	Material: Copper covered steel	1.02±0.01		
	Single Diameter: 1.02mm			
	Composing: 1/1.02			
Insulation	Material: Foam polyethylene	4.70±0.20		
	Nominal thickness: 1.84mm			
Shield	Al foil: al/pet	5.26±0.20		
	Braid: Aluminium wire			
	Structure: 16*5*0.12±0.008			
	Coverage braid: 60%±2			
Jacket	Material: LSZH	6.90±0.20		
	Color: black or white			
	Nominal thickness: 0.80mm			
Jacket marking: RG6U LSZH Nextra 001m---305m				

4.Electrical Performance (20℃)

Item		Parameter		Note
Inner Conductor DC resistance		$\leq 110 \Omega / \text{km}$		
Insulation resistance		$\geq 1000 \text{ M}\Omega \cdot \text{km}$		
Capacity		$52 \pm 3 \text{ pF/m}$		
Characteristic Impedance 200MHz		$75 \pm 5 \Omega$		
Attenuation dB/100m	Frequency	Nom.	Max.	
	50MHz	5,4	5,7	
	200MHz	9,7	10,2	
	550MHz	16,5	17,3	
	800MHz	20,0	21,0	
	1000MHz	22,4	23,5	
Return Loss	50~200	$\geq 20 \text{ dB}$		
	0~1000M	$\geq 18 \text{ dB}$		

5.Structure drawing:

