

# RG 6 LSZH



CONSTRUCTION DATA		Dimension	Material	STRUCTURAL RETURN LOSS (SRL)	
Inner conductor		$\Phi = 1,00 \pm 0,02$ mm	Cu	Frequency [MHz]	dB
Dielectric		$\Phi = 4,8 \pm 0,1$ mm	Pee	5 – 470	> 30
Screen	Tape		Al/Pet/Al	470 – 1000	> 28
	Braid	52 %	CuSn	1000 – 2000	> 23
	Tape		Al/Pet	2000 – 3000	> 20
Outer sheath		$\Phi = 6,6 \pm 0,1$ mm	LSZH UV		
MECHANICAL DATA				SCREENING EFFICIENCY	
Copper content		kg/km	14,0	Frequency [MHz]	Transfer Imp. [TI]
Cable weight		kg/Km	43,7	5 – 30	m $\Omega$ /m
Min. bending radius (single / multiple)		mm	35/70	Frequency [MHz]	Screening Att. [AS]
Max. tensile strength		N	140	30 – 1000	dB
Operating Temperature Range		°C	[-20 ÷ +70]	1000 – 2000	> 100
				2000 – 3000	> 75
ELECTRICAL DATA					
Impedance [ $\Omega$ ]		75 $\pm$ 3			
Capacitance [pF/m]		53 $\pm$ 2			
Velocity ratio [%]		84			
DC resistance (inner/outer) [ $\Omega$ /km]		22/16			
Voltage insulation sheath [kV]		4,5			<u>CPR – UE 305/2011</u>
ATTENUATION (20°C)				Euro Class	Dca-s1a,d2,a1
Frequency [MHz]		dB/100m		Dop Nr.	2479_E00577
5		1,6			
50		4,6			
200		8,6			
470		13,6			
862		18,8			
1000		20,3			
1750		27,2			
2150		30,6			
2400		33,2			
3000		37,0			