

RG 58 LSZH



CONSTRUCTION DATA		Dimension	Material	STRUCTURAL RETURN LOSS (SRL)	
Inner conductor		$\Phi = 0,8 \pm 0,02$ mm	Cu	Frequency [MHz]	dB
Dielectric		$\Phi = 3,5 \pm 0,1$ mm	Pee	5 – 470	> 28
Screen	Tape		Al/Pet bonded	470 – 1000	> 26
	Braid	75 %	CuSn	1000 – 2000	> 20
	Tape			2000 – 3000	> 18
Outer sheath		$\Phi = 5,0 \pm 0,2$ mm	LSZH		
MECHANICAL DATA				SCREENING EFFICIENCY	
Copper content		kg/km	12,8	Frequency [MHz]	Transfer Imp. [TI]
Cable weight		kg/Km	30,5	5 – 30	mΩ/m
Min. bending radius (single / multiple)		mm	25/50	Frequency [MHz]	Screening Att. [AS]
Max. tensile strength		N	90	30 – 1000	dB
Operating Temperature Range		°C	[-20 ÷ +70]	1000 – 2000	> 85
				2000 – 3000	> 80
ELECTRICAL DATA					
Impedance [Ω]		75 ± 3			
Capacitance [pF/m]		52 ± 2			
Velocity ratio [%]		85			
DC resistance (inner/outer) [Ω/km]		35/16			
Voltage insulation sheath [kV]		3,0			
ATTENUATION (20°C)				CPR – UE 305/2011	
Frequency [MHz]		dB/100m		Euro Class	Eca
5		2,1		Dop Nr.	2479_E00802_03
50		5,6			
200		11,1			
470		17,0			
862		23,0			
1000		24,9			
1750		33,5			
2150		37,4			
2400		40,9			
3000		45,0			

REFERENCE STANDARDS: EN 50117-2-4 CLASS A

