

# LMR 400 ZH (Cca /CuSn)



CONSTRUCTION DATA		Dimension	Material	STRUCTURAL RETURN LOSS (SRL)	
Inner conductor		$\Phi = 2,74$ mm	Solid BCCAL	Frequency [MHz]	dB
Dielectric		$\Phi = 7,2 \pm 0,15$ mm	Foam PE	5 – 470	> 26
Screen	Tape		Al/Pet/Al	470 – 1200	> 23
	Braid	84 %	Tinned Copper 0,12 mm	1200 – 2000	> 20
				2000 – 3000	> 18
Outer sheath		$\Phi = 10,3 \pm 0,2$ mm	Black LSZH		
MECHANICAL DATA					
Copper content		kg/km	24,2		
Cable weight		kg/Km	117,8		
Min. bending radius		mm	65		
Operating Temperature Range		°C	[-30 ÷ +70]		
ELECTRICAL DATA					
Impedance [ $\Omega$ ]		50 $\pm$ 3			
Capacitance [pF/m]		77 $\pm$ 3			
Velocity ratio [%]		84			
DC resistance Max (inner/outer) $\Omega$ /km]		5,5/7,0			
Voltage insulation sheath [kV]		8,0			
ATTENUATION (20°C)				CPR – UE 305/2011	
Frequency [MHz]		dB/100m		Euro Class	Dca
50		3,1		Dop Nr.	.....
150		5,2			
220		6,4			
450		9,1			
900		13,0			
1500		17,0			
1800		19,0			
2000		20,0			
3000		27,1			