

Onnline 102Eca, CGZ236



CONSTRUCTION DATA		Dimension	Material	STRUCTURAL RETURN LOSS (SRL)	
Inner conductor		$\Phi = 1,0 \pm 0,02$ mm	Cu	Frequency [MHz]	dB
Dielectric		$\Phi = 4,6 \pm 0,1$ mm	Pee	5 – 470	> 30
Screen	Tape		Al/Pet/Al	470 – 1000	> 26
	Braid	63 %	All	1000 – 2000	> 20
	Tape		Al/Pet	2000 – 3000	> 18
Outer sheath		$\Phi = 6,7 \pm 0,2$ mm	PVC		
MECHANICAL DATA				SCREENING EFFICIENCY	
Copper content		kg/km	7	Frequency [MHz]	Transfer Imp. [TI]
Cable weight		kg/Km	38,3	5 – 30	m Ω /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		$^{\circ}\text{C}$	[-20 ÷ +70]	1000 – 2000	> 85
				2000 – 3000	> 80
					> 75
ELECTRICAL DATA					
Impedance [Ω]		75 \pm 3			
Capacitance [pF/m]		53 \pm 2			
Velocity ratio [%]		84			
DC resistance (inner/outer) [Ω /km]		22,5/20			
Voltage insulation sheath [kV]		4,5			<u>CPR – UE 305/2011</u>
ATTENUATION (20°C)				Euro Class	Eca
Frequency [MHz]		dB/100m		Dop Nr.	2479_E00410
5		1,7			
50		4,6			Basic 7R TRS Class A, 1710
200		8,6			
470		13,6			
862		18,8			
1000		20,3			
1750		27,2			
2150		30,6			
2400		32,8			
3000		37,5			

REF 1710

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REFERENCE STANDARDS: EN 50117-2-4 CLASS A

EN 50575 : 2014 + A1 :2016