

ONLINE 10mm PE, CGZ235



CONSTRUCTION DATA		Dimension	Material	STRUCTURAL RETURN LOSS (SRL)	
Inner conductor		$\Phi = 1,63 \pm 0,02$ mm	Copper Claded Steel	Frequency [MHz]	dB
Dielectric		$\Phi = 7,2 \pm 0,1$ mm	Pee	5 – 470	> 28
Screen	Tape	bonded	Al/Pet/Surlyn	470 – 1000	> 26
	Braid	60 %	All	1000 – 2000	> 23
	Tape		Al/Pet	2000 – 3000	> 18
Outer sheath		$\Phi = 10,2 \pm 0,2$ mm	BLACK PE		
MECHANICAL DATA				SCREENING EFFICIENCY	
Copper content		kg/km	/	Frequency [MHz]	Transfer Imp. [TI]
Cable weight		kg/Km	70	5 – 30	m Ω /m
Min. bending radius (single / multiple)		mm	120	Frequency [MHz]	Screening Att. [AS]
Max. tensile strength		N	700	30 – 1000	dB
Operating Temperature Range		$^{\circ}\text{C}$	[-20 ÷ +70]	1000 – 2000	> 90
				2000 – 3000	> 85
ELECTRICAL DATA					
Impedance [Ω]		75 \pm 3			
Capacitance [pF/m]		52 \pm 2			
Velocity ratio [%]		85			
DC resistance <small>(inner/outer)</small> [Ω /km]		39/13			
Voltage insulation sheath [kV]		5,5			
ATTENUATION (20°C)					<u>CPR – UE 305/2011</u>
Frequency [MHz]		dB/100m		Euro Class	Fca
5		1,2		Dop Nr.	2000_0048
50		3,2			
200		5,9			Cablink 1888
470		9,4			
862		13,2			
1000		14,4			
1750		19,6			
2150		22,0			
2400		23,7			
3000		27,5			

Preliminary data sheet
 Ref 1888 Rev 00 Date 13/05/19

REFERENCE STANDARDS: EN 50117-2-5