

**CONSTRUCTION**
**GI 23 RR 66%**
**DIMENSIONS**

Inner conductor	CU		$\Phi =$	0,8	$\pm$	0,02	mm
Dielectric	Pee/PH		$\Phi =$	3,5	$\pm$	0,1	mm
Alluminium/polyester foil copper color (h =15 mm)	Al/Pet						
Copper braid wire ( $\Phi = 0,1$ mm) Structure <b>24 x 4 x 0,10</b> Pitch Coverage	CU 60 mm 66%						
Polyester foil (h=15 mm)	pet						
WHITE Pvc outer sheat (RoHS Compliant)	PVC		$\Phi =$	5,5	$\pm$	0,15	mm

**Electrical Performance**

Characteristic impedance	75	$\pm$	3	$\Omega$
Capacitance	52,0	$\pm$	2	pF/mt
Velocity ratio	85%			
Inner DC resistance	35	$\leq$		$\Omega$ /km
Outer DC resistance	25	$\leq$		$\Omega$ /km
<b>Nominal Attenuation (20 °C)</b>				
	MHz	dB/100mt	MHz	dB/100mt
	5	2,4	470	17,5
	10	2,8	860	23,8
	50	6,0	1000	25,8
	100	8,0	1350	30,0
	230	12,0	1750	34,8
	300	13,7	2150	39,0
	400	15,9	3000	46,0
<b>Return Loss (SRL)</b>				
	[5	470]	MHz	> 26 dB
	[470	1000]	MHz	> 23 dB
	[1000	2000]	MHz	> 18 dB
	[2000	3000]	MHz	> 16 dB
<b>Screening attenuation</b>				
	[30	1000]	MHz	> 75 dB
	[1000	2000]	MHz	> 65 dB
	[2000	3000]	MHz	> 55 dB

**Mechanical Performance**

Min. setting radius	35	mm
Std.:	EN 50117-2-4	

Rev	Date OF ISSUE	Update
00	17/01/2012	
01	14/03/12	Jacket dimension increased from 5,0 mm to 5,5 mm