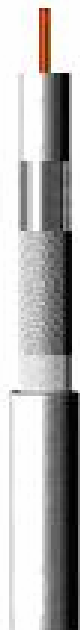


Construction	DG extreme 7HD	Dimension
Inner Conductor	CU	$\Phi = 1,13 \pm 0,02$ mm
Dielectric	Pee/PH	$\Phi = 4,8 \pm 0,1$ mm
Alluminium/polyester/alluminium	Al/Pet/Al	
Tinned copper braid ($\Phi = 0,10$ mm)	Cu-Sn	
Pitch	60 mm	
Coverage	72 %	
PVC outer sheat (RoHS Compliant)	PVC	$\Phi = 6,6 \pm 0,1$ mm



Electrical Performance

Characteristic Impedance (200 MHz)	75	± 3	Ω		
Capacitance	52,0	± 2	pF/mt		
Velocity ratio	85%				
Inner DC resistance	18		Ω /km		
Outer DC resistance	13,5		Ω /km		
Voltage Insulation sheat	3,0		kV		
<u>Nominal attenuation (20 °C)</u>	MHz	dB/100mt	MHz	dB/100mt	
	5	1,6	1350	21,7	
	50	4,1	1750	25,2	
	200	8,0	2150	28,1	
	470	12,5	2400	29,9	
	800	16,8	2700	32,1	
	1000	18,6	3000	33,7	
<u>Return Loss (SRL)</u>	[5	470]	MHz	> 30	dB
	[470	1000]	MHz	> 26	dB
	[1000	3000]	MHz	> 20	dB
<u>Transfer impedance</u>	[5	30]	MHz	< 5	m Ω /mt
<u>Screening attenuation</u>	[30	300]	MHz	> 100	dB
	[300	1000]	MHz	> 110	dB
	[1000	2500]	MHz	> 100	dB

Mechanical Performance

Min.setting radius (single/multiple)	35 / 70	mm
Total weight	46	Kg/Km
Copper weight	19,5	Kg/km
Std. :	EN 50117-2-4	CLASSE A

Rev	Data	Emissione/Modifica
00	10/01/08	Emissione