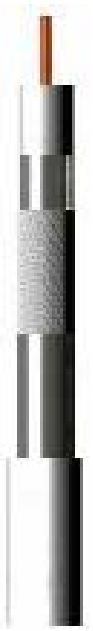
CONSTRUCTION — DG extreme 7 HD trs — DIMENSIONS

Inner conductor	CU	Φ =	1,13	±	0,02	mm
Dielectric	Pee/PH	Φ =	4,8	±	0,1	mm
Triplex foil Alluminium/polyester/Alluminium	Al/Pet/Al					
Tinned copper braid wire (144 wires Φ = 0,10 mm) Pitch Coverage	Cu-Sn 60 mm 72 %					
Alluminium/polyester foil	Al/Pet					
PVC outer sheat (RoHS Compliant)	White PVC	Φ =	6,6	±	0,15	mm



Electrical Performance

Characteristic impedance	75	±	3	Ω
Capacitance	52,0	±	2	pF/mt
Velocity ratio	85%			
Inner DC resistance	18	≤		Ω/km
Outer DC resistance	13,0	≤		Ω/km

Nominal Attenuation (20 °C)
Max Attenuation = Nominal attenuation +5%

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

Return Loss (SRL)	[5	470]	MHz	>	30	dB
	[470	1000]	MHz	>	26	dB
	[1000	3000]	MHz	>	20	dB
Transfer Impedance	[5	30]	MHz	<	5	mΩ/mt
Screening attenuation	[30	1000]	MHz	>	100	dB
	[1000	2000]	MHz	>	115	dB
	[2000	3000]	MHz	>	100	dB

Mechanical Performance

Min. setting radius (single /mulltiple)	35 /	70	mm
Total weight		46	Kg/Km
Copper weight		19,5	Kg/km

Std: EN 50117-2-4 CLASS A

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