

Cable design

Center conductor bare solid copper wire
 Dielectric foamed PE
 Shield bonded Aluminium foil
 tin plated copper braid
 Jacket polyethylene
 Out-side diameter Ø 14,99 mm nominal
 Weight 0,20 kg/m

Electrical data

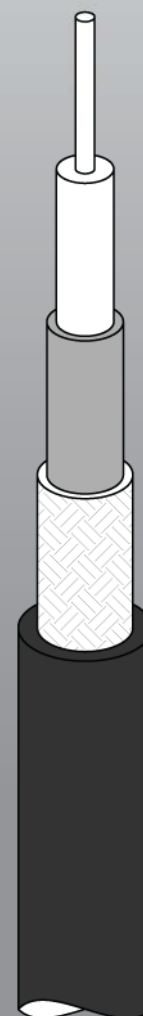
Impedance 50 ohms
 Capacitance 76,8 pF/m
 Voltage withstanding >4000 V DC
 Frequency range DC – 6 GHz.
 Insertion loss see graph
 Velocity of propagation 87 %
 Shielding effectiveness < -90 dB/m typical

Mechanical and environmental data

Temperature range -40 to +80°C
 Bending radius 40 mm (static)
 155 mm (dynamic)

High Performance
 low loss coaxial cable

GMR 600



DC – 6 GHz

Attenuation Power

Attenuation and average power (20°C)												
Frequency (MHz.)	30	50	150	220	450	900	1500	1800	2000	2500	3000	5800
Attenuation (dB/100m)	1,40	1,80	3,20	3,90	5,60	8,20	10,90	12,10	12,80	14,50	15,70	23,80
Power (KW)	4,93	3,83	2,16	1,77	1,23	0,84	0,63	0,57	0,54	0,48	0,44	0,29

Standard available connectors

	TNC	N	HN	7/16	7/8
Male	•	•	•	•	•
Male right angle		•		•	
Female	•	•		•	
Bulkhead		•			

Please consult us for the required connectors.
 We can supply cable harnesses made to your requirements.
 Also available: High Dynamic Coaxial Cable.

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