

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 4,95 mm nominal
 Weight 0,03 kg/m

Electrical data

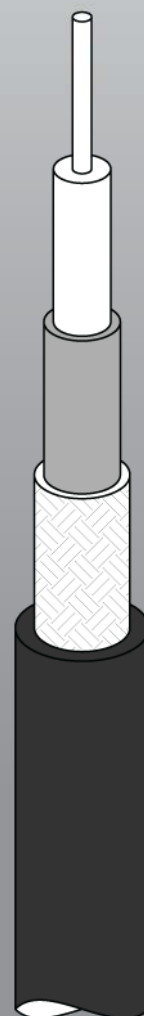
Impedance 50 ohms
 Capacitance 79,7 pF/m
 Voltage withstanding >1000 V DC
 Frequency range DC – 6 GHz.
 Insertion loss see graph
 Velocity of propagation 80 %
 Shielding effectiveness < -90 dB/m typical

Mechanical and environmental data

Temperature range -40 to +80°C
 Bending radius 12 mm (static)
 50 mm (dynamic)

High Performance
 low loss coaxial cable

GMR 195



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)	6,50	8,40	14,60	17,70	25,50	36,50	47,70	52,50	55,40	62,40	67,50	93,00
Power (KW)	0,78	0,60	0,35	0,29	0,20	0,14	0,11	0,10	0,09	0,08	0,08	0,05

Standard available connectors

	SMA	SMB	SMC	MCX	BNC	TNC	N	C	FME	HN
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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