

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 10,29 mm nominal
 Weight 0,10 kg/m

Electrical data

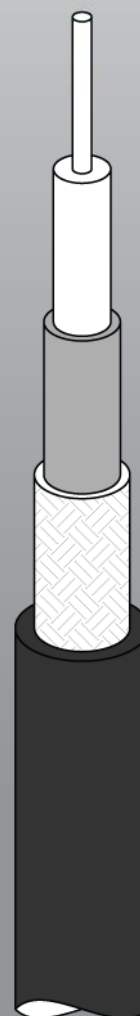
Impedance 50 ohms
 Capacitance 77,1 pF/m
 Voltage withstanding >2500 V DC
 Frequency range DC – 6 GHz.
 Insertion loss see graph
 Velocity of propagation 85 %
 Shielding effectiveness < -90 dB/m typical

Mechanical and environmental data

Temperature range -40 to +80°C
 Bending radius 25 mm (static)
 100 mm (dynamic)

**High Performance
 low loss coaxial cable**

GMR 400



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)	2,20	2,90	5,00	6,10	8,90	12,80	16,80	18,60	19,60	22,20	24,80	35,50
Power (KW)	2,91	2,21	1,28	1,05	0,72	0,50	0,38	0,34	0,33	0,29	0,26	0,18

Standard available connectors

	SMA	TNC	N
Male	•	•	•
Male right angle			•
Female	•		•
Bulkhead			•

DC – 6 GHz

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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