

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 7,62 mm nominal
 Weight 0,08 kg/m

Electrical data

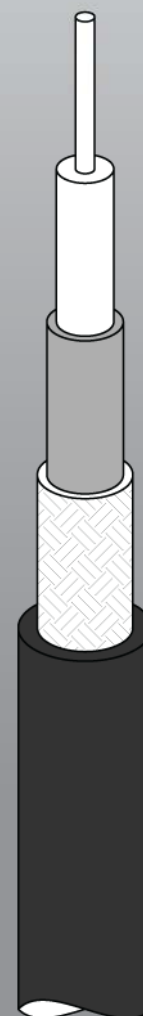
Impedance 50 ohms
 Capacitance 78,8 pF/m
 Voltage withstanding >2000 V DC
 Frequency range DC – 6 GHz.
 Insertion loss see graph
 Velocity of propagation 85 %
 Shielding effectiveness < -90 dB/m typical

Mechanical and environmental data

Temperature range -40 to +80°C
 Bending radius 22 mm (static)
 75 mm (dynamic)

High Performance
 low loss coaxial cable

GMR 300



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)	3,50	4,50	7,90	9,60	13,80	19,90	26,00	28,70	30,30	34,20	37,50	54,30
Power (KW)	1,78	1,38	0,79	0,65	0,45	0,31	0,24	0,22	0,21	0,18	0,17	0,11

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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