

**Cable design**

Center conductor bare solid copper wire  
 Dielectric solid PE  
 Shield bonded Aluminium foil  
 tin plated copper braid  
 Jacket polyethylene  
 Out-side diameter Ø 2,79 mm nominal  
 Weight 0,015 kg/m

**Electrical data**

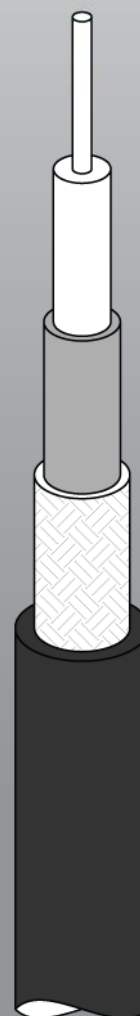
Impedance 50 ohms  
 Capacitance 101,1 pF/m  
 Voltage withstanding >500 V DC  
 Frequency range DC – 6 GHz.  
 Insertion loss see graph  
 Velocity of propagation 66 %  
 Shielding effectiveness < -90 dB/m typical

**Mechanical and environmental data**

Temperature range -40 to +80°C  
 Bending radius 7 mm (static)  
 25 mm (dynamic)

High Performance  
 low loss coaxial cable

**GMR 100**



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)	12,90	16,70	29,40	35,80	51,90	74,90	98,70	109,00	115,50	130,60	143,80	210,30
Power (KW)	0,23	0,18	0,10	0,08	0,06	0,04	0,03	0,03	0,03	0,02	0,02	0,01

**Standard available connectors**

	SMA	SMB	SMC	MMCX	MCX	BNC	TNC	N	FME	SSMB
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.

Gigalink Microwave  
 Connection Engineering B.V.

Albert Plesmanweg 35 E  
 3088 GA Rotterdam  
 The Netherlands

Tel: + 31 (0) 10 789 11 22  
 Fax: +31 (0) 10 789 11 44  
 E-mail: info@gigalink-mce.com