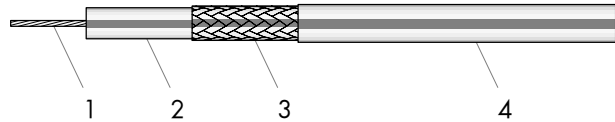


COAXIAL CABLE

TYPE: RG 58 C/U



1	Inner conductor	Stranded tinned copper	19x 0.187 mm	.....	ø 0.935 mm
2	Dielectric	Solid polyethylene (PE)		.....	ø 2.95 mm
3	Outer conductor	Tinned copper braid	96% coverage	.....	ø 3.60 mm
4	Jacket	Non-migratory PVC	bk (RAL 9005)	.....	ø 4.95 mm
	Print on jacket	RG 58 C/U	50 Ohm		

Electrical data

Typ. operating frequency	.....	(GHz)	≤ 1
Impedance	.....	(Ω)	50 ± 2
Capacitance	.....	(pF/m)	100.7
Relative signal propagation	.....	(%)	66.3
Signal delay	.....	(ns/m)	5.03
Phase stability	vs temperature	.....	(°/GHz/m) -
	vs bending	.....	(°/GHz) -
Insulation resistance	.....	(MΩm)	> 10 ⁸
Test voltage	 50 Hz / 1 min.	(kV _{rms})	5
Max. operating voltage	at sea level	(kV _{rms})	2.5
Typ. DC resistance	inner conductor	.....	(Ω/km) 34.5
	outer conductor	.....	(Ω/km) 13.8
Typ. screening effectiveness	 1 ... 300 MHz	(dB)	> 35

General data

Cable specification	 cable design according to	MIL-C-17/28
Temperature range	operating	 (°C) -40...+85
	installation	 (°C) -20...+70
Flame propagation	 IEC 332-1	n/a
Halogen content	 IEC 754	n/a
Typ. Weight	.....	(kg/100m) 3.7
Min. bending radius	for bending once	 (mm) 25
	for repeated bendings	 (mm) 50
	for flexible applications	 (mm) 100

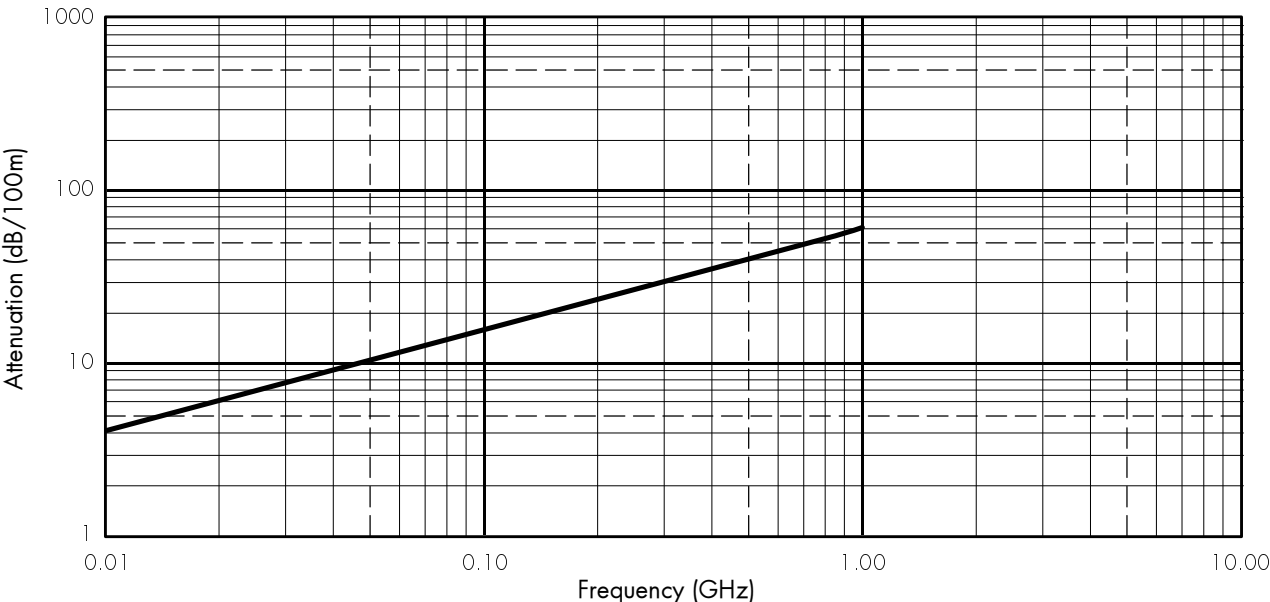
.....certified according to ECE R 118.....

COAXIAL CABLE

TYPE: RG 58 C/U

Cable attenuation

Nominal values @ +25 °C ambient temperature



C.W. power handling capability

Maximum values @ +40 °C ambient temperature and sea level, no solar load

