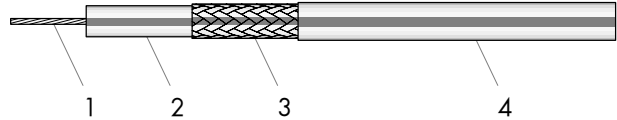


COAXIAL CABLE

TYPE: RG 58 C/U



1	Inner conductor	.....	Stranded tinned copper	.....	19x 0.187 mm	.....	\varnothing 0.935 mm
2	Dielectric	.....	Solid polyethylene (PE)	.....		.....	\varnothing 2.95 mm
3	Outer conductor	.....	Tinned copper braid	.....	96% coverage	.....	\varnothing 3.60 mm
4	Jacket	.....	Non-migratory PVC	.....	bk (RAL 9005)	.....	\varnothing 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	.....
	.....	vs bending	.....
		($^{\circ}$ /GHz/m)	-
		($^{\circ}$ /GHz)	-
Insulation resistance	.....	(M Ω m)	$> 10^8$
Test voltage	.....	50 Hz / 1 min.	.....
		(kV _{rms})	5
Max. operating voltage	.....	at sea level	.....
		(kV _{rms})	2.5
Typ. DC resistance	.....	inner conductor	.....
		outer conductor	.....
		(Ω /km)	34.5
		(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	.....	($^{\circ}$C) -40...+85
		installation	.....	($^{\circ}$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

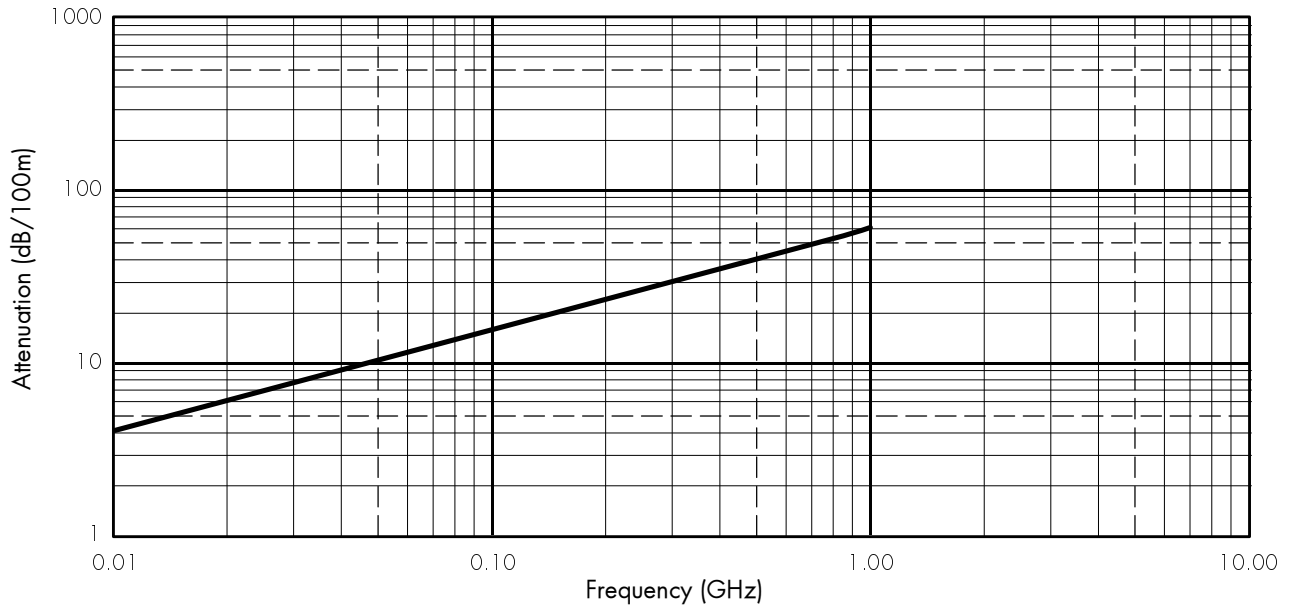
.....certified according to ECE R 118.....

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

