

RG59B/U MIL-SPEC 75 Ohm coaxial cable

RG59B/U is a common everyday use MIL SPEC coaxial cable for 75 Ohm applications, particularly television.

This coaxial cable is available in 100m roll, please consult ZCG for more information.



Specifications	RG59B/U 7807
Order code 100m roll	7807-100
Centre conductor	Bare copper, 0.58mm
Dielectric	Polyethylene 3.64mm
Overall braid	Bare copper braid 16 x 8 0.12mm
Jacket	Black PVC, 6.10mm outside diameter
Mechanical specifications	
Minimum bend radius	35.0mm
Weight	5Kg per 100 metres
Operating temperature	-20°C to +85°C
Electrical specifications	
Impedance	75 Ohm
Nominal capacitance	52.0 pF/m
Echo loss	≥20dB
Velocity of propagation	85%

Attenuation figures on following page...



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Attenuation	dB per 100 metres	Maximum power
10MHz	2dB	3250 Watts
50MHz	4dB	1453 Watts
100MHz	5dB	1028 Watts
150MHz	8dB	839 Watts
200MHz	9dB	727 Watts
300MHz	12dB	593 Watts
400MHz	14dB	514 Watts
450MHz	15dB	484 Watts
500MHz	15dB	460 Watts
600MHz	18dB	420 Watts
800MHz	21dB	363 Watts
850MHz	22dB	353 Watts
900MHz	23dB	343 Watts
950MHz	23dB	333 Watts
1000MHz	24dB	325 Watts
1800MHz	35dB	242 Watts
1900MHz	37dB	236 Watts
2000MHz	38dB	230 Watts
2400MHz	43dB	210 Watts
3000MHz	50dB	188 Watts
4000MHz	61dB	163 Watts
5000MHz	72dB	145 Watts
6000MHz	82dB	133 Watts

