

RG59 Coax Cable 1 Core PVC Eca 500hm

Technical information

Introduction

RG59 is a 75 ohm coaxial cable with 0.58mm Dia copper clad steel inner conductor, PE insulation, copper braid and PVC outer sheath rated to CPR Class F

Part Codes

784292—RG59 Coax PVC 75 ohm Black 100Mtr



Construction

Inner Conductor Dia (mm)	Insulation Dia (mm)	Outer Conductor Type / Details	Material/Outer Sheath Dia
0.58 +/- 0.02	3.70mm +/- 0.10	Copper Braid 84% coverage	PVC 6.15 +/- 0.15mm

Key Electrical Characteristics

Impedance Ω	Velocity ratio	Capacitance $\mu\text{F/m}$	Inner Conductor Resistance	Insulation DC Resistance	Dielectric strength
75+/- 3	0.667	67 +/-3	235 Ω/km	> 1000 M Ω/km	3.5Kv/min @ 10mA

Electrical / Mechanical Performance

Frequency (MHz)	Attenuation Max (dB/100m)
50	< 8.50
100	< 11.80
200	< 16.50
450	< 26.00
800	< 35.80
860	< 37.20
1000	< 39.50

