

RU400

Low Loss Solid Core 50 Ohm Coaxial Cable

For those longer cable runs or the higher frequency range, this 50 Ohm RU400 cable will provide the low attenuation performance you require.

This is a high quality cable equivalent to, and in some cases better than, all other 400 series coaxial cables available on the market today.

This coaxial cable is available in metre cut lengths or by the roll, please consult ZCG for more information.



Specifications	RU400 low loss (7890)	
Order Code	7890	
Order Code 100m Roll	7890-100	
Order Code 300m Roll	7890-300	
Centre Conductor	Bare copper, 2.74mm	
Dielectric	Foamed polyethylene (PE), 7.24mm	
1st Outer Conductor	Selaed APA tape, 7.37mm	
2nd Outer Conductor	Tinned copper braid, 98% coverage, 8.17mm	
Jacket	Black polyethylene (PE), 10.30mm outside diameter	
Mechanical Specifications		
Minimum Bend Radius	72.1mm	
Weight	14.6Kg per 100 metres	
Operating Temperature	-40°C to +85°C	
Electrical Specifications		
Impedance	50 Ohms (±3 Ohms)	
Nominal Capacitance	78 pF/m	
Velocity of Propogation	85%	
DC Resistance	Inner Conductor	3.06 Ohms/Km
	Outer Conductor	5.41 Ohms/Km
	Loop	8.47 Ohms/Km

Attenuation figures on following page...



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Attenuation	Per 100 metres
150MHz	5.64dB
220MHz	6.79dB
450MHz	10.24dB
900MHz	14.72dB
1.5GHz	19.21dB
1.8GHz	21.22dB
2GHz	22.66dB
2.4GHz	25.65dB
Maximum Power	
150MHz	1000 Watts
220MHz	830 Watts
450MHz	550 Watts
900MHz	380 Watts

