



## RU400

### Low loss, low noise solid copper conductor coaxial cable 50 Ohm coaxial cable

  
In-stock  
Ready to  
Ship

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, solid copper core cable is 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 100m or 300m roll, please consult ZCG for more information.



Specifications		RU400 low loss, low noise
Order code 100m roll	7890-100	
Order code 300m roll	7890-300	
Centre conductor	Solid bare copper, 2.75mm	
Dielectric	Foamed polyethylene (PE), 7.24mm	
1st outer conductor	Bonded polyester-aluminium tape 7.37mm	
2nd outer conductor	Tinned copper braid, 97% 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 ( $\pm 3$ Ohms)	
Nominal capacitance	77 pF/m	
Velocity of propagation	85%	
Echo loss	$\geq 20$ dB	
DC resistance	Inner conductor	3.06 Ohms/Km
	Outer conductor	5.41 Ohms/Km
	Loop	8.47 Ohms/Km



Attenuation and power figures on following page.



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Attenuation	Per 100 metres
50MHz	2.90dB
150MHz	4.90dB
300MHz	7.20dB
450MHz	8.90dB
500MHz	9.40dB
960MHz	13.3dB
1500MHz	16.8dB
2000MHz	20.0dB
2500MHz	22.3dB

  

Maximum power	
150MHz	1000 Watts
220MHz	830 Watts
450MHz	550 Watts
900MHz	380 Watts



Compatible connectors - other connectors available

