

## RU400-75

### Low loss solid core 75 Ohm coaxial cable

RU400-75 is a high quality, 75 Ohm coaxial cable which delivers excellent low attenuation performance. This cable is therefore ideally suited for those longer cable runs or the higher frequency range.

This coaxial cable is available in 300m roll, please consult ZCG for more information.



Specifications	RU400-75 low loss 8121	
Order code 300m roll	8121-300	
Centre conductor	Solid copper, 1.65mm	
Dielectric	Foamed polyethylene (PE), 7.24mm	
1st outer conductor	Aluminium tape, 7.39mm	
2nd outer conductor	Tinned copper braid, 8.13mm	
Jacket	Black polyethylene (PE), 10.29mm outside diameter	
<b>Mechanical specifications</b>		
Minimum bend radius	Installation: 25.4mm	Repeated: 101.6mm
Weight	10Kg per 100 metres	
Operating temperature	-40°C to +85°C	
<b>Electric specifications</b>		
Impedance	75 Ohm	
Nominal capacitance	52.3 pF/m	
Velocity of propagation	85%	
DC resistance	Inner conductor	8.20 Ohms/Km
	Outer conductor	7.30 Ohms/Km
Maximum frequency	2.5GHz	



Attenuation figures on following page...

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Attenuation	Per 100 metres
30MHz	2.1dB
50MHz	2.7dB
150MHz	4.8dB
220MHz	5.8dB
450MHz	8.4dB
900MHz	12.1dB
1.5GHz	16.0dB
1.8GHz	17.6dB
2GHz	18.7dB
2.5GHz	21.1dB
Maximum power	
30MHz	2,990 Watts
50MHz	2,331 Watts
150MHz	1,320 Watts
220MHz	1,080 Watts
450MHz	740 Watts
900MHz	520 Watts
1.5GHz	390 Watts
1.8GHz	350 Watts
2GHz	330 Watts
2.5GHz	300 Watts

