

QR 540 JCASS

75 Ohm Trunk Coax Cable, flooded for underground

Construction Parameters:

Inner Conductor	0.124" /3.15mm / 9 AWG CCA
Dielectric	0.513"/13.05mm Foamed PE
Shield 1	0.54"/13.72mm Soldering Aluminum Tube
Shield Thickness	0.0135" /0.343mm
Flooding	Jelly
Jacket	0.610"/15.49mm PE
Jacket Thickness	0.030"/0.76mm
Application	For Use in Longer CATV Run Lengths



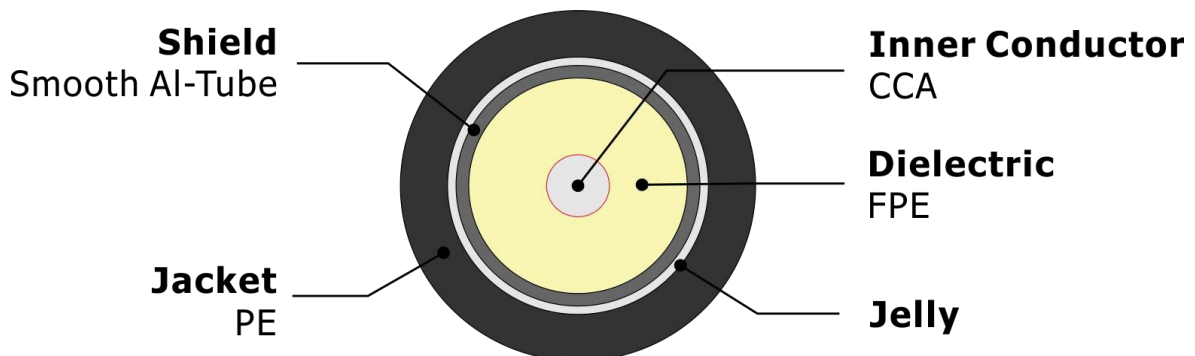
Electrical Characteristics:

Inner Conductor Resistance	The Max. at 20°C shall be <math><3.34\Omega/\text{km}</math>
Capacitance	<math>50 3="" \pm="" \text{="" math><="" m}<="" pf="" td=""></math>50>
Impedance	<math>75 2="" \omega<="" \pm="" math><="" td=""></math>75>
Return loss	between 5 and 1000MHz: $> 22\text{dB}</math>$
Velocity of Propagation	0.88
Sparker Test (VAC)	4

Mechanical and Environmental Properties:

Cable bend radius	10 times the cable diameter
Operating Temp Range	-40 °C to 80°C
Cable dimensions	0.610"/15.49mm PE

Cross Section:



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Attenuation (20°C):

Frequency (MHZ)	Nominal (dB/100m)	Max Attenuation (dB/100m)
5.00	0.43	0.46
55.00	1.48	1.56
83.00	1.80	1.90
211.00	2.99	3.12
250.00	3.25	3.38
300.00	3.54	3.71
350.00	3.84	4.04
400.00	4.13	4.33
450.00	4.43	4.59
500.00	4.63	4.89
550.00	4.95	5.12
600.00	5.22	5.38
750.00	5.91	6.07
865.00	6.23	6.56
1000.00	6.89	7.12

*The above data is for reference only, the actual order test report shall prevail.

Order Informations:

Marking

Trunk Coax Cable QR540 JCASS

