



TIANYI CABLE

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TY 540JCASS
75 Ohm Coaxial Cable
Trunk Cable



Physical specifications

Item	Material	Diameter
Inner conductor	CCA	3.15mm
Dielectric	Polyethylene (Gas Injected)	13.03mm
Outer Conductor	Welding Aluminum	13.72mm
Outer Conductor Thickness	Aluminum Tube	0.35mm
Flooding	Jelly/Asphalt	13.77mm
Jacket	PE	15.49mm

Mechanical specifications

Minimum Bending Radius	16.5cm
Maximum Pulling Tension	100kgf

Electrical specifications

Capacitance	50±3pF/m
Impedance	75±3Ω
Nominal Velocity of propagation	87%

Resistance @ 68°F (20°C)

Inner conductor	3.34Ω/km
Out conductor	1.94Ω/km
Loop	5.28Ω/km

Attenuation @ 68°F (20°C)

5MHz	0.46dB/100m
55MHz	1.54dB/100m
83MHz	1.90dB/100m
211MHz	3.12dB/100m
250MHz	3.38dB/100m
300MHz	3.71dB/100m
350MHz	4.03dB/100m
400MHz	4.33dB/100m
500MHz	4.89dB/100m
550MHz	5.12dB/100m
600MHz	5.38dB/100m
750MHz	6.07dB/100m
865MHz	6.56dB/100m
1000MHz	7.12dB/100m

