



**TY 412JCAM**  
**75 Ohm Coaxial Cable**  
**Trunk Cable**



**Physical specifications**

	Material	Diameter
Inner conductor	CCA	2.26mm
Dielectric	Polyethylene (Gas Injected)	9.19mm
Outer Conductor	Seamless Aluminum	10.46mm
Outer Conductor Thickness	Aluminum Tube	0.61mm
Jacket	PE	12.50mm
Messenger	Steel	2.11mm

**Mechanical specifications**

Minimum Bending Radius	16.5cm
Maximum Pulling Tension	68kgf
Breaking Strength of Messenger	2046N

**Electrical specifications**

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

**Resistance @ 68°F ( 20°C)**

Inner conductor	6.79Ω/km
Out conductor	1.64Ω/km
Loop	8.43Ω/km

**Attenuation @ 68°F ( 20°C)**

5MHz	0.65dB/100m
55MHz	2.26dB/100m
83MHz	2.82dB/100m
211MHz	4.62dB/100m
250MHz	5.06dB/100m
300MHz	5.57dB/100m
350MHz	6.13dB/100m
400MHz	6.46dB/100m
500MHz	7.34dB/100m
550MHz	7.71dB/100m
600MHz	8.10dB/100m
750MHz	9.12dB/100m
865MHz	9.87dB/100m
1000MHz	10.73dB/100m

