



Caledonian

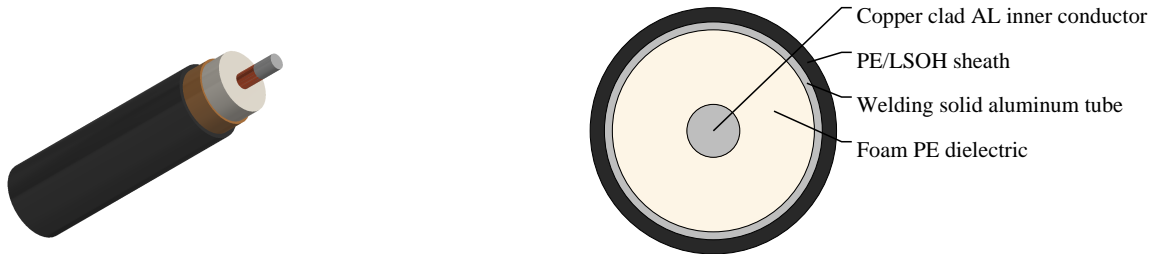
Coaxial Cables

www.caledonian-cables.com

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75Ohm Trunk Coaxial Cables

AQR1125



Construction

Inner conductor	Copper clad Aluminium or copper	Φ6.68 mm
Dielectric	Foam PE	Φ25.58 mm
Outer conductor	Welding solid aluminum tube	Φ27.46 mm
Sheath	PE/LSOH	Φ31.12 mm
Messenger	/	optional

Electrical Mechanical Characteristics

Impedance	75±5 Ohm
Nominal capacitance	50 pF/m
Velocity of propagation	87%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	0.76 Ohm/Km
Outer conductor resistance	0.61 Ohm/Km
Installation temperature range	-40°C - +85 °C
Operating temperature range	-40°C - +85 °C
Screening effectiveness	135 dB
Cable weight (approx.)	506 kg/km

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
5	0.23	0.07
55	0.76	0.23
250	1.77	0.54
300	1.94	0.59
350	2.13	0.65



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400	2.3	0.7
450	2.46	0.75
500	2.62	0.8
550	2.76	0.84
600	2.96	0.9
750	3.31	1.01
865	3.64	1.11

Return Loss

5-30 MHz	>30dB
30-470 MHz	>30dB
470-1000 MHz	>30dB