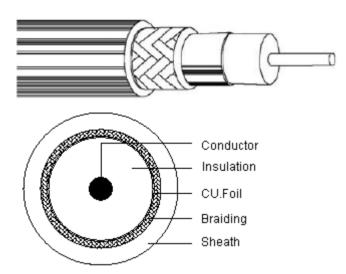
Coaxial Cable



Digimax Coaxial Cable



Description:

Solid PACW, foam PE dielectric, Cu.Foil, PACW braiding 55% coverage, PVC sheath.

Application:

For CATV/MATV, broadband, HDTV and satellite broadcasting transmission use.

Construction:

Conductor:

Material : Solid bare copper 1.0mm.

Dielectric:

Material : Foam PE. Nominal inner diameter : 4.65mm.

Shielding:

Material : Cu. foil 100% coverage.

Material : PACW braiding, 55% coverage.

Sheath:

Material : PVC.
Nominal outer diameter : 6.8mm.
Colour : Any.

Physical Properties:

Minimum bend radius : 68mm.

Operating temperature : -15°C to 70°C.

Operating temperature **Electrical Properties:**

Nominal DC resistance : 25.0Ω /km. Nominal characteristic impedance : $75 \pm 3\Omega$. Nominal capacitance : $55 \pm 2pF/m$.

Voltage test : Core to shielding 2000V ac/1 minute.

Nominal velocity of propagation : 81 to 87%.

Coaxial Cable



Minimum return loss: (dB/100m)

(MHz)	5 to 30	30 to 470	470 to 862	862 to 2150
(dB)	23	23	20	18

Maximum attenuation (dB/100m)

MHz	5	50	100	200	460
dB	1.6	4.6	6.5	9.5	15.0
MHz	860	1000	1750	2150	***
dB	19.5	21.5	29.0	32.5	***

Part Number Table

Description	Part Number	
Cable, Coax, Foam, Black, 50M	CF0094 Black 50M	
Cable, Coax, Foam, Black, 100M	CF0094 Black 100M	
Cable, Coax, Foam, White, 100M	CF0094 White 100M	

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