



SYNERGY TELECOM PVT. LTD

RG 142 Coaxial Cable

● Physical Structure



Construction

Item	Material	Diameter (mm)
Center Conductor	Silver Plated Copper cover steel wire	0.94
Dielectric	Solid PTFE	2.95
1 Out Shield	Silver Plated Copper Wire Braiding	3.43
2 Out Shield	Silver Plated Copper Wire Braiding	4.09
Jacket	FEP (Brown)	4.95

Performance

Properties

Cutoff Frequency	12.4 GHz
Characteristics Impedance	50±2.5Ω
Capacitance	95.50pF/m
Min. Bending Radius	44.0mm
Nominal Weight	2Kg/100m
Temp Range	-55° to +200°C
Voltage	≤3 Kv

Attenuation & Power

Frequency	Attenuation (db/100m,5-10% Increment allowance)
100MHz	23.0
400MHz	30.9
1000 MHz	43.0
3000MHz	77.0

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