

SYNERGY TELECOM PVT. LTD

1/4" S.F Cable



Construction

Item	Material	Diameter(mm)
Inner Conductor	Copper clad aluminium	1.90
Dielectric	Physical foamed PE	4.70
Outer Conductor	Helical corrugated copper	6.40
Jacket	Black PE	7.40

Performance

Properties	Details
Cutoff Frequency	20 GHz
Characteristics Impedance	50Ω
V.S.W.R	1.15@ 2500MHz
Capacitance	79.4 pF/m
Min. Bending Radius	25 mm
Max tensile force	680 N
Peak Power Rating	6 KW

Attenuation & Power

Frequency	Attenuation dB/100Mtr	Power Rating(KW)
100 MHz	5.89	1.23
450 MHz	12.80	0.57
900 MHz	18.40	0.40
1800 MHz	26.90	0.27
2000 MHz	28.50	0.26
2500 MHz	32.15	0.22
3000 MHz	35.60	0.20

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