

SYNERGY TELECOM PVT. LTD

1-1/4" Feeder/Flex Cable



Construction

Item		Diameter(mm)
Inner Conductor	Smooth Copper Tube	13.10
Dielectric	Foamed Polyethylene	32.50
Outer Conductor	Annularly Corrugated Copper Tube	35.80
Jacket	Flame-Retardant Jacket	39.00

Performance

Properties	Details
Cutoff Frequency	4 GHz
Characteristics Impedance	50Ω
V.S.W.R	1.20@ 3000MHz
Min. Bending Radius	380mm
Operating Temp.	-30 to +80 C
Nominal Weight	0.9 Kg/m
DC Resistance(Inner Conductor)	0.80Ω
DC Resistance(Outer Conductor)	0.70Ω
Dielectric Strength	9000V
Peak Power Rating	205KW

Attenuation & Power

Frequency	Attenuation dB/100Mtr	Power Rating(KW)
30 MHz	0.44	22.12
450 MHz	1.86	5.23
960 MHz	2.86	3.40
1800 MHz	4.15	2.35
2000 MHz	4.43	2.23
2500 MHz	4.85	2.01
3000 MHz	5.73	1.70

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