



# Synergy Telecom P Ltd.

## 1/2" Feeder/LDF Cable



### Construction

Item	Diameter(mm)
Inner Conductor	4.83
Dielectric	12.00
Outer Conductor	13.84
Jacket	16.40

### Performance

Properties	Details
Cutoff Frequency	4 GHz
Characteristics Impedance	50Ω
V.S.W.R	<a href="#">1.15@ 3000MHz</a>
Capacitance	80.4pF/m
Min. Bending Radius	12.7mm
Nominal Weight	0.22Kg/m
DC Resistance( Inner Conductor)	1.62Ω
DC Resistance(Outer Conductor)	2.08Ω
Dielectric Strength	4000V
Peak Power Rating	40KW

### Attenuation & Power

Frequency	Attenuation dB/100Mtr	Power Rating(KW)
30 MHz	1.17	6.26
450 MHz	4.75	1.56
960 MHz	7.12	1.05
1800 MHz	10.10	0.74
2000 MHz	10.70	0.70
3000 MHz	13.51	0.55

13-15 RPS flats, E-block, VIKASPURI, N DELHI-110018, INDIA  
 Phone-91 11 28533349, Mobile-91 98101 38894, Fax -91 11 2853 1435,  
 E-mail : [pradeep@rfconnectorhouse.com](mailto:pradeep@rfconnectorhouse.com), Website : <http://www.rfconnector.info/>