

Model: LFT-195, Coaxial Cable

CABLE SPECIFICATIONS:

- Foam Coaxial Cable
- Bare Copper Conductor
- Foam Polyolefin Dielectric
- Laminate Aluminum Tape Shield
- Tinned Copper Braid 85%
- Black PVC Jacket



STRUCTURAL PARAMETERS:

Material	Detail	Size mm	Color
Inner Conductor	Bare Copper	1/0.94±0.02	Coppery
Dielectric	Foam PE	2.80±0.10	White
1 st Outer Conductor	Laminate Aluminum Tape	2.95±0.15	Silvery
2 st Outer Conductor	Tinned-Copper Braid (96*Φ0.12mm)	3.35±0.15	Silvery
Jacket	PVC	5.00±0.10	Black

MECHANICAL SPECIFICATIONS:

Item	Unit	Date
Minimum Bend Radius	Loaded /mm	50
	Unloaded /mm	25
Temperature Rating		-20 ~ +80 c

ELECTRICAL SPECIFICATIONS:

Item	Unit	Date
Impedance	Ω	50±2
Capacitance	pF/m	80±3
Velocity ratio Propagation	%	80
Resistance	Ω/km	
Inner Conductor		25.3
Outer Conductor		19.9
Insulation resistance	MΩ.km	1000
Dielectric strength	V(DC)	1000
Withstand voltage of jacket	V(AC)	3000
Maximum operating frequency	MHz	3000

Attenuation and Avg.Power, Typical value (20°C) (Allowable tolerance±15%)

Frequency MHz	Attenuation(dB/100m)	Avg.Power(kW)
30	6.5	0.78
50	8.4	0.60
150	14.6	0.35
200	16.9	0.30
220	17.7	0.29
450	25.6	0.20
900	36.5	0.14
1500	47.7	0.11
1800	52.5	0.10
2000	55.5	0.08
2500	62.4	0.07
3000	68.8	0.07

APPLICATION INFORMATION:

- For any additional information please contact us at sales@laughtex.ru or visit laughtex.ru web site.