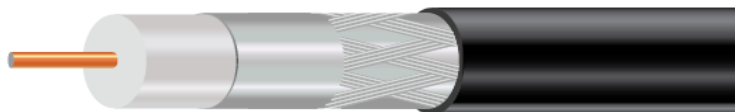


HLF-200 Cable



Construction

Item	Material	Diameter (inch)	Diameter (mm)
Center Conductor	Solid Bare Copper	0.0441 inch	1.12 mm
Dielectric	Foamed Polyethylene	0.116 inch	2.95 mm
Inner Shield	Sealed APA Tape	0.123 inch	3.12 mm
Outer Shield	36AWG, 90% Tinned Copper Braid	0.144 inch	3.65 mm
Jacket	Black PE	0.195 inch	4.95 mm

Electrical & Mechanical Data

Operation Frequency	30 ~ 6000 MHz
Characteristic Impedance	50 Ω
Velocity of Propagation, Nom.	82 %
Capacitance, Nom.	24.5 nF/kft (80.3 nF/km)
Inner Conductor Resistance @ 20 °C	5.5 Ω/kft (18 Ω/km)
Outer Conductor Resistance @ 20 °C	4.9 Ω/kft (16 Ω/km)

Attenuation @ 20 °C

Frequency	dB/100ft	dB/100m	Avg. Power Rating (Kw)
30 MHz	1.80	5.91	1.02
50 MHz	2.30	7.55	0.79
150 MHz	4.00	13.12	0.45
220 MHz	4.85	15.90	0.37
450 MHz	6.95	22.80	0.26
900 MHz	9.94	32.60	0.18
1500 MHz	12.92	42.40	0.14
1800 MHz	14.20	46.60	0.13
2000 MHz	15.03	49.30	0.12
2500 MHz	16.89	55.40	0.11
5800 MHz	26.37	86.50	0.07