

	HDF200 (RG58/U)	HDF300	HDF400 (RG8/U)
Inner Conductor O.D.	1.12 mm (0.044 in) Solid Copper, 17.59 Ω/km, 5.37 Ω/kft	1.90 mm (0.075 in) Solid Copper, 9.80 Ω/km, 3.00 Ω/kft	2.77 mm (0.109 in) Copper-clad
Dielectric O.D.	2.95 mm (0.116 in) Closed-cell PE	4.70 mm (0.185 in) Closed-cell PE	7.24 mm (0.285 in) Closed-cell PE
Outer Conductor O.D.	3.66 mm (0.144 in) Sealed Al./Mylar/Al. + Tinned Copper Braid 85%, 16.03 Ω/km, 4.90 Ω/kft	5.70 mm (0.224 in) Sealed Al./Mylar/Al. + Tinned Copper Braid 96%, 6.50 Ω/km, 1.99 Ω/kft	8.13 mm (0.320 in) Sealed Al./Mylar/Al. + Tinned Copper Braid 85%, 5.41 Ω/km, 1.65 Ω/kft
Standard Jacket	4.95 mm (0.195 in) Black PVC	7.30 mm (0.287 in) Clear - Trans. PVC	10.3 mm (0.405 in) Black PVC
Weight kg/m	0.037	0.075	0.108
Nominal Impedance	50 Ω	50 Ω	50 Ω
Nominal Velocity of Propagation	83%	85%	85%
Capacitance	80.4 pF/m , 24.5 pF/ft	79.4 pF/m , 24.2 pF/ft	78.4 pF/m , 24.0 pF/ft
Nominal Attenuation:	dB/100 m / dB/100 ft	dB/100 m / dB/100 ft	dB/100 m / dB/100 ft
@ 30 MHz	5.8 / 1.8	3.5 / 1.1	2.2 / 0.7
@ 50 MHz	7.5 / 2.3	4.5 / 1.4	2.9 / 0.9
@ 150 MHz	13.1 / 4.0	7.9 / 2.4	5.0 / 1.5
@ 220 MHz	15.9 / 4.8	9.6 / 2.9	6.1 / 1.9
@ 450MHz	22.8 / 7.0	13.8 / 4.2	8.9 / 2.7
@ 900MHz	32.6 / 9.9	19.9 / 6.1	12.8 / 3.9
@ 1500MHz	42.4 / 12.9	26.0 / 7.9	16.8 / 5.1
@ 1800MHz	46.6 / 14.2	28.7 / 8.7	
@ 2000 MHz	49.3 / 15.0	30.3 / 9.2	19.6 / 6.0
@ 2500 MHz	55.4 / 16.9	34.2 / 10.4	22.2 / 6.8
@ 5800 MHz	86.5 / 26.4	54.3 / 16.6	35.5 / 10.8

HDF200

HDF400
