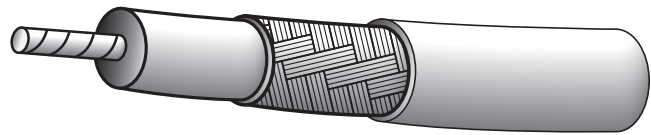


# CN (Communication Network) Coaxial Cable - Single Braid



## Construction:

Center conductor: Silver plated copper clad steel (SCCS)

Dielectric: Solid PTFE

Braids: Round silver or tin plated copper

Jacket: FRPVC

Operating temperature: -20 +150° C

Velocity of Propagation: 70%

	CN178TC	CN178SC	CN316TC	CN316SC	CN179TC	CN179SC
Conductor diameter	.0120" (7/.0040")	.0120" (7/.0040")	.0201 (7/.0067")	.0201" (7/.0067")	.0120" (7/.0040")	.0120" (7/.0040")
Dielectric diameter	.033"	.033"	.060"	.060"	.063"	.063"
Diameter over braid	.051"	.051"	.076"	.076"	.079"	.079"
Overall diameter	.072"	.072"	.098"	.098"	.100"	.100"
Weight(lbs/mft)	6	6	12	12	10	10
Bend radius	0.4"	0.4"	0.5"	0.5"	0.5"	0.5"
Impedance (Ohms)	50	50	50	50	75	75
Capacitance (pF/ft)	29.4	29.4	29.4	29.4	19.5	19.5
Attenuation (dB/100ft)	<b>Typ / Max</b>	<b>Typ / Max</b>	<b>Typ / Max</b>	<b>Typ / Max</b>	<b>Typ / Max</b>	<b>Typ / Max</b>
100 MHz	13.2 / 16.2	13.0 / 16.0	7.7 / 11.1	7.6 / 11.0	8.1 / 9.3	8.0 / 9.2
400 MHz	27.5 / 33.4	27.2 / 33.0	16.2 / 21.3	16.0 / 21.0	15.7 / 21.3	15.5 / 21.0
1 GHz	44.7 / 53.2	44.2 / 52.0	26.5 / 36.1	26.2 / 38.0	27.0 / 31.1	26.7 / 30.7
2 GHz	64.1 / 76.0	63.3 / 75.1	38.2 / 51.1	37.5 / 50.5	38.5 / 44.5	38.3 / 44.0
2.4 GHz	70.2 / 83.2	69.4 / 82.3	41.7 / 56.1	41.2 / 55.4	-	-
3 GHz	79.6 / 95.1	78.7 / 94.0	47.5 / 59.2	46.9 / 58.0	-	-

Additional constructions available - check with the factory for details

All figures referenced are nominal