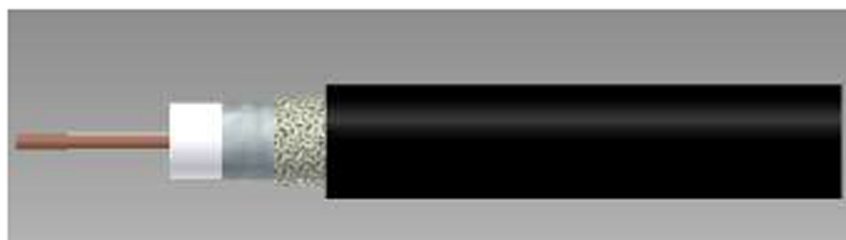


TFC Coaxial Cable Product Information Sheet

PN: T2100

210 Series Coaxial Cable
 Copper Conductor
 Foamed Polyethylene Dielectric
 Bonded APA Laminate Shield
 95% Tinned-Copper Braid
 Black PVC Jacket, Riser
 NEC 800 C(UL) CMR-CMG Listed



Cable Ordering Information

Part Number	Description	NEC / CSA Listing
T2100	T210C95T-V(CMR-CMG) BLACK- /HD-SDSI	NEC 800 CMR, CEC CMG Listed Riser
210Z95V12BK801		

Characteristics

Material	Detail	inches	mm
Inner Conductor	Copper	0.0285	0.72
Dielectric	Foamed Polyethylene	0.130	3.30
1 st Outer Conductor	Sealed APA Tape	0.136	3.45
2 nd Outer Conductor	95% Tinned Copper Braid	0.156	3.96
3 rd Outer Conductor	--	--	--
4 th Outer Conductor	--	--	--
Floodant	--	--	--
Jacket	PVC, Flame Retardant, Black	0.210	5.33
Twisted Pairs	--	--	--
Messenger	--	--	--

Mechanical Specifications

Minimum Bend Radius, in. (mm)	2.00	(50.80)
Product Weight	(less reel)	lbs /kft

Attenuation, Maximum @ 68 °F (20 °C)		
Frequency, MHz	dB / 100 ft	dB / 100 m
5	0.61	2.00
55	2.03	6.66
211	4.01	13.16
250	4.37	14.34
270	4.54	14.90
300	4.79	15.72
330	5.03	16.50
350	5.18	16.99
400	5.55	18.21
450	5.89	19.32
500	6.21	20.37
550	6.52	21.39
600	6.82	22.38
750	7.64	25.07
870	8.25	27.07
1000	8.86	29.07
1450	10.73	35.20
1750	11.82	38.78
2150	13.16	43.18
2250	13.47	44.19
2500	14.23	46.69
3000	15.66	51.38
3500	16.98	55.71
4000	18.21	59.74
4500	19.38	63.58
5000	20.49	67.22

Electrical Specifications		
Impedance, Ω	75 $\pm$ 2	
Velocity of Propagation, %	83	
Capacitance, Nominal	16.4 pF/ft	53.9 pF/m
DC Resistance	Ω / kft	Ω / km
Inner Conductor	13.3	44
Outer Conductor	9.60	31
Loop	22.9	75