



HEADEND SERIES DROP CABLE

T10

DETAILS OF CONSTRUCTION AND MATERIALS

- Center Conductor - Silver-plated copper-clad steel for long term low contact resistance, low attenuation and axial strength, with easy cable preparation and reliable connector attachment for “F” type fittings.
- Dielectric - Foam Polyethylene, low loss, high velocity providing optimum dielectric properties. The foam is bonded to the center conductor with an easily stripped, proprietary moisture-blocking polymer.
- Outer Conductor
 1. Sealed APA Laminated Tape
 2. 95% Aluminum Braid
 3. APA Laminated Tape
 4. 95% Aluminum Braid
- Jacket - Flame retardant PVC - NEC Article 820 - “CATV (UL)”

Application: Headend Cable is recommended for installation in headends where cable may be subjected to tight bends and mechanical abuse.



PART NUMBERS

DESCRIPTION	
T59SCSQ95/95-VBV	02240V
T59SCSQ95/95-VCV	02241V

PHYSICAL SPECIFICATIONS

NOMINAL DIMENSIONS	inches	(mm)
Conductor	0.032	(0.81)
Dielectric	0.144	(3.66)
First Outer Conductor	0.152	(3.86)
Second Outer Conductor	0.176	(4.47)
Third Outer Conductor	0.180	(4.57)
Fourth Outer Conductor	0.205	(5.21)
Jacket	0.262	(6.65)
Cable Weight, lbs per kft (kg/km)	31	(46)

ELECTRICAL SPECIFICATIONS

	Ohms/1000 ft (Ohms/km)	
Nominal DC Resistance at 68°F (20°C)		
Center Conductor	25.3	(83.0)
Outer Conductor	3.57	(11.7)
Loop	28.9	(94.8)
Nominal Capacitance	16.3 pF/ft	(53.5 pF/m)
Impedance	75 ± 3 Ohms	
Velocity of Propagation	83% nominal	

MAXIMUM ATTENUATION @ 68°F(20°C)

Frequency MHz	dB per 100 feet	dB per 100 meters
5	0.77	2.53
55	1.88	6.17
211	3.59	11.78
250	3.89	12.76
270	4.05	13.29
300	4.27	14.01
330	4.50	14.76
350	4.64	15.22
400	4.88	16.01
450	5.30	17.39
500	5.50	18.04
550	5.90	19.36
600	6.18	20.28
750	6.96	22.83
870	7.54	24.75
1000	8.09	26.54

Attenuation increases with increasing temperature and decreases with decreasing temperature at the rate of 0.1% / °F (0.18% / °C)