

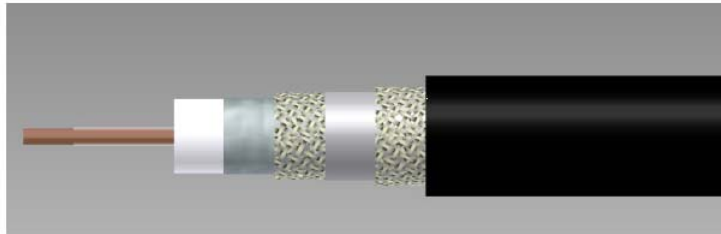


2240V / 2241V

59 Series Coaxial Cable / HE

Series 59 Coaxial Cable

- Silver-Plated Copper Clad Steel Conductor
- Foamed Polyethylene Dielectric
- Bonded APA Laminate Shield
- 95% Aluminum Braid
- APA Laminate Shield
- Black PVC Jacket
- NEC820 (UL) CATV Listed



Part Number	Description	NEC / CSA Listing
2240V	Black - / HE	NEC 820 (UL) CATV
2241V	Colors* - / HE	NEC 820 (UL) CATV

* Available Colors - Aqua, Blue, Green, Orange, Pink, Purple, Red, White, Yellow

Material	Detail	inches	mm
Inner Conductor	Silver-Plated Copper Clad Steel	0.0320	0.81
Dielectric	Foamed Polyethylene	0.144	3.66
1st Outer Conductor	Sealed APA Tape	0.152	3.86
2nd Outer Conductor	95% Aluminum Braid	0.176	4.47
3rd Outer Conductor	APA Tape	0.180	4.57
4th Outer Conductor	95% Aluminum	0.205	5.21
Floodant	--	--	--
Jacket	PVC, FR TYP (2), Black	0.262	6.65
Twisted Pairs	--	--	--
Messenger	--	--	--

Mechanical Specifications

Minimum Bend Radius, in (mm)		0.875	(22.23)
Product Weight	(less reel)	31 lbs/kft	

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Specifications

Electrical Specifications

Impedance	75 ± 3	
Velocity of Propagation, %	85	
Capacitance, Nominal	16.2 pF/ft	53.2 pF/m
DC Resistance	Ω / kft	Ω / km
Inner Conductor	25.30	83
Outer Conductor	3.57	12
Loop	28.9	95

Attenuation, Maximum @ 68°F (20°C)

Frequency, MHz	dB / 100 ft	dB / 100 m
5	0.86	2.82
55	2.05	6.73
211	3.80	12.47
250	4.10	13.45
270	4.22	13.85
300	4.45	14.60
330	4.66	15.29
350	4.80	15.75
400	5.10	16.73
450	5.40	17.72
500	5.70	18.70
550	5.95	19.52
600	6.20	20.34
750	6.97	22.87
870	7.57	24.84
1000	8.12	26.64