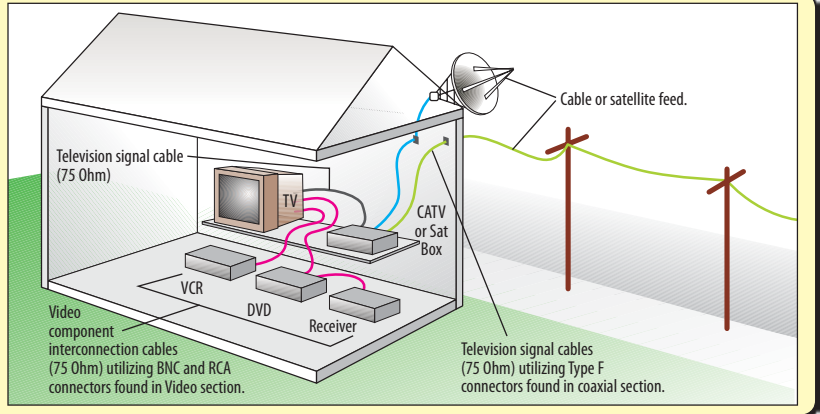




When is a 75 Ohm coaxial cable used?

The primary use of a 75 Ohm cable is to transmit a video signal. One of the typical applications is television signals over cable, sometimes called signal feed cables. The most common connector used in this application is a Type F. Another application is video signals between components such as DVD players, VCRs or Receivers commonly known as audio/video (A/V) cables. In this case BNC and RCA connectors are most often found. In both of these applications RG59 with both solid center conductor (RG59B/U) and stranded center conductor (RG59A/U) as well as RG6 are often found. The cable assemblies found in the following section cover the most common connection situations offered in both applications.



Item #	Description	1-9	10-24	25-99	100-249	250-499
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RG59A/U - 75 Ohm Coaxial Cables with Inline Molded BNC, Type F and RCA Plugs

L-com offers a wide variety of RG59A/U cable assemblies utilizing BNC, Type F and RCA connectors. RG59A/U cable is one of the most commonly used 75 Ohm cables. In addition to inline configurations L-com offers right angle and female bulkheads. All connectors feature a molded strain relief while the Type F connector features a captivated gold plated center pin for enhanced performance. The stranded center conductor of the RG59A/U cable provides maximum flexibility.

RG59A/U		RG59A/U • Center Conductor: 22 (7 x 30) AWG bare compacted copper • Shielding: Bare copper braid (96% coverage) • Insulation: Foam polyethylene • Jacket: Black PVC • Operating Temperature: -40°C - +80°C	NOMINAL ATTENUATION		
			MHz	db/100ft	db/100m
			50	2.1	6.9
			100	3.0	9.8
			200	4.5	14.8
			400	6.6	21.7
			1000	10.9	35.8

RoHS RG59A/U - 75 Ohm Coaxial Cables with Two Inline BNC Plugs

CC59A-05	RG59A Cable, BNC Male / Male, 0.5ft (0.15m)	8.75	8.40	8.05	7.70	7.35
CC59A-1	RG59A Cable, BNC Male / Male, 1.0ft (0.3m)	9.00	8.64	8.28	7.92	7.56
CC59A-1.5	RG59A Cable, BNC Male / Male, 1.5ft (0.45m)	9.25	8.88	8.51	8.14	7.77
CC59A-2	RG59A Cable, BNC Male / Male, 2.0ft (0.6m)	9.50	9.12	8.74	8.36	7.98
CC59A-2.5	RG59A Cable, BNC Male / Male, 2.5ft (0.75m)	9.75	9.36	8.97	8.58	8.19
CC59A-3	RG59A Cable, BNC Male / Male, 3.0ft (0.9m)	10.00	9.60	9.20	8.80	8.40
CC59A-4	RG59A Cable, BNC Male / Male, 4.0ft (1.2m)	10.50	10.08	9.66	9.24	8.82
CC59A-5	RG59A Cable, BNC Male / Male, 5.0ft (1.5m)	11.00	10.56	10.12	9.68	9.24
CC59A-6	RG59A Cable, BNC Male / Male, 6.0ft (1.8m)	11.50	11.04	10.58	10.12	9.66
CC59A-7.5	RG59A Cable, BNC Male / Male, 7.5ft (2.3m)	12.25	11.76	11.27	10.78	10.29
CC59A-10	RG59A Cable, BNC Male / Male, 10.0ft (3.0m)	13.50	12.96	12.42	11.88	11.34
CC59A-12	RG59A Cable, BNC Male / Male, 12.0ft (3.7m)	14.50	13.92	13.34	12.76	12.18
CC59A-15	RG59A Cable, BNC Male / Male, 15.0ft (4.6m)	16.00	15.36	14.72	14.08	13.44
CC59A-25	RG59A Cable, BNC Male / Male, 25.0ft (7.6m)	21.00	20.16	19.32	18.48	17.64
CC59A-50	RG59A Cable, BNC Male / Male, 50.0ft (15.2m)	33.50	32.16	30.82	29.48	28.14
CC59A-75	RG59A Cable, BNC Male / Male, 75.0ft (22.9m)	46.00	44.16	42.32	40.48	38.64
CC59A-100	RG59A Cable, BNC Male / Male, 100.0ft (30.5m)	58.50	56.16	53.82	51.48	49.14
CC59A-150	RG59A Cable, BNC Male / Male, 150.0ft (45.7m)	83.50	80.16	76.82	73.48	70.14
CC59A-200	RG59A Cable, BNC Male / Male, 200.0ft (60.1m)	108.50	104.16	99.82	95.48	91.14

RoHS RG59A/U - 75 Ohm Coaxial Cables with Inline BNC Plug to BNC Jack

CC59A-MF-1	RG59A Cable, BNC Male / Female Bulkhead, 1.0ft (0.3m)	14.50	13.63	12.76	11.89	11.02
CC59A-MF-3	RG59A Cable, BNC Male / Female Bulkhead, 3.0ft (0.9m)	15.50	14.57	13.64	12.71	11.78
CC59A-MF-6	RG59A Cable, BNC Male / Female Bulkhead, 6.0ft (1.8m)	17.00	15.98	14.96	13.94	12.92
CC59A-MF-10	RG59A Cable, BNC Male / Female Bulkhead, 10.0ft (3.0m)	19.00	17.86	16.72	15.58	14.44
CC59A-MF-15	RG59A Cable, BNC Male / Female Bulkhead, 15.0ft (4.6m)	21.50	20.21	18.92	17.63	16.34
CC59A-MF-25	RG59A Cable, BNC Male / Female Bulkhead, 25.0ft (7.6m)	26.50	24.91	23.32	21.73	20.14
CC59A-MF-50	RG59A Cable, BNC Male / Female Bulkhead, 50.0ft (15.2m)	39.00	36.66	34.32	31.98	29.64

RoHS RG59A/U - 75 Ohm Coaxial Cables with Inline BNC to Right Angle BNC Plugs

CC59A-1HR	RG59A Cable, BNC Male / 90° Male, 1.0ft (0.3m)	11.25	10.80	10.35	9.90	9.45
CC59A-1.5HR	RG59A Cable, BNC Male / 90° Male, 1.5ft (0.45m)	11.50	11.04	10.58	10.12	9.66
CC59A-2HR	RG59A Cable, BNC Male / 90° Male, 2.0ft (0.6m)	11.75	11.28	10.81	10.34	9.87
CC59A-2.5HR	RG59A Cable, BNC Male / 90° Male, 2.5ft (0.75m)	12.00	11.52	11.04	10.56	10.08
CC59A-3HR	RG59A Cable, BNC Male / 90° Male, 3.0ft (0.9m)	12.25	11.76	11.27	10.78	10.29
CC59A-4HR	RG59A Cable, BNC Male / 90° Male, 4.0ft (1.2m)	12.75	12.24	11.73	11.22	10.71
CC59A-5HR	RG59A Cable, BNC Male / 90° Male, 5.0ft (1.5m)	13.25	12.72	12.19	11.66	11.13
CC59A-7.5HR	RG59A Cable, BNC Male / 90° Male, 7.5ft (2.3m)	14.50	13.92	13.34	12.76	12.18
CC59A-10HR	RG59A Cable, BNC Male / 90° Male, 10.0ft (3.0m)	15.75	15.12	14.49	13.86	13.23

RoHS RG59A/U - 75 Ohm Coaxial Cables with Two Right Angle BNC Plugs

CC59A-1HR2	RG59A Cable, BNC 90° Male / 90° Male, 1.0ft (0.3m)	15.00	14.40	13.80	13.20	12.60
CC59A-1.5HR2	RG59A Cable, BNC 90° Male / 90° Male, 1.5ft (0.45m)	15.25	14.64	14.03	13.42	12.81
CC59A-2HR2	RG59A Cable, BNC 90° Male / 90° Male, 2.0ft (0.6m)	15.50	14.88	14.26	13.64	13.02
CC59A-3HR2	RG59A Cable, BNC 90° Male / 90° Male, 3.0ft (0.9m)	16.00	15.36	14.72	14.08	13.44
CC59A-4HR2	RG59A Cable, BNC 90° Male / 90° Male, 4.0ft (1.2m)	16.50	15.84	15.18	14.52	13.86
CC59A-5HR2	RG59A Cable, BNC 90° Male / 90° Male, 5.0ft (1.5m)	17.00	16.32	15.64	14.96	14.28
CC59A-7.5HR2	RG59A Cable, BNC 90° Male / 90° Male, 7.5ft (2.3m)	18.25	17.52	16.79	16.06	15.33
CC59A-10HR2	RG59A Cable, BNC 90° Male / 90° Male, 10.0ft (3.0m)	19.50	18.72	17.94	17.16	16.38

"I always look forward to receiving The L-com newsletter! I love the "how to" articles and tips that are included along with the great prices. Don't change a thing!" - Michael T.