

734A/D* Series

SRL: 30 dB min. @ 15-90 MHz

Complies with Bellcore Specification GR-139-CORE.

Product Description: Solid copper conductor (734D Series are silver plated), foam high-density polyethylene (HDPE) insulated, with Beldfoil® aluminum-polyester shield plus 85% tinned copper braid shield. Multiple coaxes feature Inner Gray PVC jackets with printed numbers for circuit identification. Overall Gray PVC jacket. Siamese versions feature zip cord design, with printing on one leg.

Trade No. UL NEC CEC Type	Standard Lengths		Std. Unit Lbs. ea.	AWG (stranding) Dia. In. In. Nom. DCR	Insulation & Nominal Core OD		Nominal OD		No. of Shields & Material Nom. DCR	Nom. Imp. (Ohms)	Nom. Vel. of Prop.	Nominal Capacitance		Maximum Attenuation			
	ft.	m			Inch	mm	Inch	mm				pF/ft.	pF/m	Standard/Signal (Mb/s)	MHz	dB/100 ft.	dB/100 m
1809A (734A) (1-Coax) NEC CMR CEC CMR	500	152.4	15.4	20 AWG solid copper .032" 10Ω/M' 32.8Ω/km	Foam HDPE		0.235	5.97	Beldfoil® +85% tinned copper braid 100% shield coverage 2.4Ω/M' 7.9Ω/km	75	80%	17.2	56.4	2	1.000	0.25	0.82
	1000	304.8	30.7		.148	3.76	CEPT-1 1.024 0.26 0.85 CEPT-2 4.224 0.50 1.64 10 5.000 0.55 1.78 20 10.000 0.80 2.60 CEPT-3 17.184 0.98 3.22 DS-3 22.368 1.12 3.67 STS-1 25.920 1.21 3.97 89.472 44.736 1.59 5.21 100 50.000 1.70 5.55 CEPT-4 69.632 1.99 6.53 STS-3 77.780 2.10 6.89 200 100.000 2.50 8.20 DS-4 137.088 2.90 9.51 400 200.000 3.60 11.80										
734D1 (1-Coax) NEC CMR CEC CMR	500	152.4	15.4	20 AWG solid silver-coated copper .032" 10Ω/M' 32.8Ω/km	Same as 1809A		0.235	5.97	Same as 1809A	75	80%	17.2	56.4	Same as 1809A			
	1000	304.8	30.7		Jackets same as 1809A												
734D6 (6-Coax) NEC CMR CEC CMR	500	152.4	95	Same as 734D1	Foam HDPE		0.803	18.96	Same as 1809A	75	80%	17.2	56.4	Same as 1809A			
	1000	304.8	188		.148	3.76								Overall jacket: Gray PVC. Inner PVC jackets: Gray with printed numbers for circuit identification.			
734D1T (1-Coax with Tracer) NEC CMR CEC CMR	500	152.4	17	Same as 734D1	Same as 1809A		0.235	5.97	Same as 1809A	75	80%	17.2	56.4	Same as 1809A			
	1000	304.8	32		x	x	0.292	6.97						Jackets same as 1809A			
734D2 (2-Coax) NEC CMR CEC CMR	500	152.4	28	Same as 734D1	Same as 734D6		0.235	5.97	Same as 1809A	75	80%	17.2	56.4	Same as 1809A			
	1000	304.8	38		x	x	0.470	11.95						Zip cord design PVC jackets. Printing on one leg.			
734D2T (2-Coax with Tracer) NEC CMR CEC CMR	500	152.4	30	Same as 734D1	Same as 735D6		0.235	5.97	Same as 1809A	75	80%	17.2	56.4	Same as 1809A			
	1000	304.8	40		x	x	0.527	12.95						Zip cord design PVC jackets. Printing on one leg.			

728A*

SRL: 35 dB min. @ 55-95 MHz

Product Description

Solid bare copper conductor, polyethylene insulated, with two 98% tinned copper braid shields. Overall Gray PVC jacket.

Trade No. UL NEC CEC Type	Standard Lengths		Std. Unit Lbs. ea.	AWG (solid) Dia. In. In. Nom. DCR	Insulation		Nominal OD	No. of Shields & Material	Nom. Imp. (Ohms)	Nom. Vel. of Prop.	Nominal Capacitance		Maximum Attenuation				
	ft.	m			Inch	mm					pF/ft.	pF/m	Standard/Signal (Mb/s)	MHz	dB/100 ft.	dB/100 m	
9231 (728A) (1-Coax Double Braid) NEC CMH CEC CMH	500	152.4	35.6	20 AWG (solid) .031" bare copper 9.9Ω/M' 32.5Ω/km	Polyethylene		0.305	7.75	Tinned copper double braid 98% shield 1.1Ω/M' 3.6Ω/km	75	66%	20.5	68.9	2	1.000	0.25	0.82
	1000	304.8	71.2		.198	5.03	CEPT-1 1.024 0.25 0.83 CEPT-2 4.224 0.51 1.67 10 5.000 0.55 1.82 20 10.000 0.78 2.56 CEPT-3 17.184 0.97 3.19 DS-3 22.368 1.08 3.55 STS-1 25.920 1.15 3.77 89.472 44.737 1.434 4.70 100 50.000 1.50 4.92 CEPT-4 69.632 1.99 6.53 STS-3 77.780 2.18 7.16 200 100.000 2.70 8.86 DS-4 137.088 3.12 10.22 400 200.000 3.70 12.14										
Overall jacket: Gray non-contaminating Polyvinylchloride (PVC). Passes VW-1 Vertical Wire Flame Test.																	

720A* Series

Product Description

Belden® 720A Coaxial Cable Series is available on request in single coax or Siamese versions, and with or without tracer leads, for interconnect or cross-connect applications. Contact Belden Wire & Cable Customer Service department at 1-800-BELDEN-1; Codes (or special ordering) appear on back. Request technical data sheet for construction and performance details.

*Lucent Technologies reference specification. Belden equivalent.