

735A Series

Complies with Bellcore Specification GR-139-CORE.

SRL: 30 dB min. @ 15-90 MHz
 25 dB min. @ 90-200 MHz
 20 dB min. @ 200-500 MHz
 (Typical all constructions)

Product Description: Solid silver-plated copper conductor, foam high-density polyethylene (HDPE) insulated, with Beldfoil® aluminum-polyester shield plus 93% 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
735A1 (1-Coax) NEC CMR CEC CMR	500 1000	152.4 304.8	16 26	26 AWG (solid) .0159" silver-plated copper 41Ω/M' 134.2Ω/km	Foam HDPE		0.129	3.38	Beldfoil® +93% tinned copper braid 100% shield coverage 5.3Ω/M' 17.3Ω/km	75	76%	17.7	58.0	2	1.000	0.60	2.0
					CEPT-1	1.024								0.61	2.0		
	Overall jacket: Gray Polyvinylchloride (PVC).													CEPT-2	4.224	1.10	3.6
														10	5.000	1.20	3.9
														20	10.000	1.70	5.6
														CEPT-3	17.184	2.20	7.2
														DS-9	22.368	2.50	8.2
														STS-1	25.920	2.70	8.9
														89.472	44.736	3.60	11.8
														100	50.000	3.80	12.5
														CEPT-4	69.632	4.50	14.8
														STS-3	77.780	4.80	15.7
														200	100.000	5.50	18.0
														DS-4	137.088	6.40	21.0
													400	200.000	7.80	25.6	
735A3 (3-Coax) NEC CMR CEC CMR	500 1000	152.4 304.8	30 65	Same as 735A1	Foam HDPE		0.309	7.85	Same as 735A1	75	76%	17.7	58.0	Same as 735A1			
					.077	1.95								Overall jacket: Gray Polyvinylchloride (PVC).			
					Coax ODs									Inner PVC jackets: Gray with printed numbers for circuit identification.			
					.129	3.38											
735A6 (6-Coax) NEC CMR CEC CMR	500 1000	152.4 304.8	50 95	Same as 735A1	Same as 735A3		0.399	10.14	Same as 735A1	75	76%	17.7	58.0	Same as 735A1			
					Jackets same as 735A3												
735A8 (8-Coax) NEC CMR CEC CMR	500 1000	152.4 304.8	72 117	Same as 735A1	Same as 735A3		0.447	11.35	Same as 735A1	75	76%	17.7	58.0	Same as 735A1			
					Jackets same as 735A3												
735A9 (9-Coax) NEC CMR CEC CMR	500 1000	152.4 304.8	64 129	Same as 735A1	Same as 735A3		0.484	12.29	Same as 735A1	75	76%	17.7	58.0	Same as 735A1			
					Jackets same as 735A3												
735A12 (12-Coax) NEC CMR CEC CMR	500 1000	152.4 304.8	105 135	Same as 735A1	Same as 735A3		0.571	14.50	Same as 735A1	75	76%	17.7	58.0	Same as 735A1			
					Jackets same as 735A3												
735A16 (16-Coax) NEC CMR CEC CMR	500 1000	152.4 304.8	140 250	Same as 735A1	Same as 735A3		0.648	16.26	Same as 735A1	75	76%	17.7	58.0	Same as 735A1			
					Jackets same as 735A3												
735A24 (24-Coax) NEC CMR CEC CMR	500 1000	152.4 304.8	200 375	Same as 735A1	Same as 735A3		0.882	16.40	Same as 735A1	75	76%	17.7	58.0	Same as 735A1			
					Jackets same as 735A3												
735A1T (1-Coax with Tracer) NEC CMR CEC CMR	500 1000	152.4 304.8	15 28	Same as 735A1	Same as 735A1		0.129 x 0.186	3.38 x 4.72	Same as 735A1	75	76%	17.7	58.0	Same as 735A1			
					Overall jacket: Gray Polyvinylchloride (PVC).												
735A2 (2-Coax) NEC CMR CEC CMR	500 1000	152.4 304.8	28 38	Same as 735A1	Same as 735A3		0.129 x 0.258	3.38 x 6.55	Same as 735A1	75	76%	17.7	58.0	Same as 735A1			
					Zip cord design PVC jackets. Printing on one leg.												
735A2T (2-Coax with Tracer) NEC CMR CEC CMR	500 1000	152.4 304.8	30 40	Same as 735A1	Same as 735A3		0.129 x 0.315	3.38 x 8.00	Same as 735A1	75	76%	17.7	58.0	Same as 735A1			
					Zip cord design PVC jackets. Printing on one leg.												

*Lucent Technologies reference specification, Belden equivalent.