




**DS-3 and DS-4 Interconnect and Cross-connect Cable**

734A\* Series

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation			
				Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	Stand. Signal (Mb/s)	MHz	dB/ 100 Ft.	dB/ 100m
<b>20 AWG Solid .032" (.81mm) Bare Copper Conductor(s) • Beldfoil® (100% Coverage) + Tinned Copper Braid Shield (85% Coverage)</b>																					
<b>Gas-injected FHDPE Insulation • Overall Gray PVC Jacket</b> (Multiple coaxes feature inner Gray PVC jackets w/printed nos. for circuit ID)																					
	<b>734A1</b>	NEC: CMR CEC: CMG FT4	1	500 1000	152.4 304.8	16.0 35.0	7.3 15.9	20 AWG (solid) .032" BC 10.0Ω/M' 32.8Ω/km	.148 3.76	3.76	Beldfoil + 85% TC Braid 2.4Ω/M' 7.9Ω/km	.235 5.97	5.97	75	80%	16.8	55.1	2	CEPT-1 CEPT-2 10 20 CEPT-3 DS-3 STS-1 89.472 100 Telcordia Specification GR-139-CORE.	1.0 .3 1.0 4.2 .5 1.6 5.0 .6 2.0 10.0 .8 2.6 17.2 1.0 3.3 22.4 1.1 3.6 25.9 1.2 3.9 44.7 1.6 5.3 50.0 1.7 6.6 69.6 2.0 6.5 77.8 2.1 6.9 200 100.0 2.5 8.2 DS-4 137.1 2.9 9.5 400 200.0 3.6 11.8	
	<b>734A6</b>	NEC: CMR CEC: CMG FT4	6	500 1000	152.4 304.8	142.5 293.0	64.6 132.9	same as above	.148 3.76	3.76	same as above	.235 5.97	5.97	75	80%	16.8	55.1	2	100% Sweep tested. RL: 30dB min. at 15 MHz to 95 MHz. Non-plenum versions comply with Telcordia Specification GR-139-CORE.		
	<b>734A12</b>	NEC: CMR CEC: CMG FT4	12	500 1000	152.4 304.8	282.5 551.0	128.1 250.5	same as above	.148 3.76	3.76	same as above	1.026 26.06	26.06	75	80%	16.8	55.1	2	(same as above)		
<b>Plenum • Foam FEP Insulation • Gray Flamarrest® Jacket</b>																					
	<b>734A1P</b>	NEC: CMP CEC: CMP FT6	1	500 1000	152.4 304.8	16.5 36.0	7.5 16.3	same as above	.148 3.76	3.76	same as above	.215 5.46	5.46	75	80%	17.3	56.8	2	100% Sweep tested. RL: 30dB min. at 15 MHz to 95 MHz.		

BC = Bare Copper • DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene • FHDPE = Foam High-density Polyethylene • TC = Tinned Copper  
See chart on page 6.58 for maximum transmission distances.

\*Lucent Technologies reference specification. Belden equivalent.