

## Overall Foil/Braid Shield

### Audio, Control and Instrumentation Cables

De-scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Nom. Vel. of Prop.	Nominal Capacitance		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm		pF/ft.	pF/m	

**24 AWG • Stranded Conductors (7x32) 0.6 mm Tinned Copper • Conductors Cabled • Overall Beldfoil® Shield + 85% Tinned Copper Braid**

**Plenum • FEP Insulation • Red FEP Jacket**

300V RMS Non-conduit	NEC: CMP CEC: CMP FT6						0.61 mm 24 AWG (7x32) TC	0.036	0.91	Overall Beldfoil® + Overall 85% TC Braid			–			see chart 2 (Tech Info Section)
-------------------------	--------------------------------	--	--	--	--	--	--------------------------------	-------	------	---	--	--	---	--	--	------------------------------------



<b>83503</b>	3 CDR	† 500	152	9.5	4.3						0.135	3.43	CDR/CDR	20	66		
		† 1000	305	16.1	7.3									CDR/SCR	36	118	
<b>83504</b>	4 CDR	100	31	3.5	1.6						0.144	3.66	CDR/CDR	20	66		
		† 500	152	10.1	4.6									CDR/SCR	36	118	
		† 1000	305	20.1	9.1												
<b>83506</b>	6 CDR	† 500	152	13.2	6.0						0.165	4.19	CDR/CDR	20	66		
		† 1000	305	26.2	11.9									CDR/SCR	36	118	

**22 AWG • Stranded Conductors (7x30) 0.8 mm Tinned Copper • Conductors Cabled • Overall Beldfoil® Shield + 85% Tinned Copper Braid**

**Plenum • FEP Insulation • Red FEP Jacket**

300V RMS Non-conduit	NEC: CMP CEC: CMP FT6						0.76 mm 22 AWG (7x30) TC	0.042	1.06	Overall Beldfoil® + Overall 85% TC Braid			–			see chart 2 (Tech Info Section)
-------------------------	--------------------------------	--	--	--	--	--	--------------------------------	-------	------	---	--	--	---	--	--	------------------------------------



<b>83552</b>	2 CDR	† 500	152	8.2	3.7						0.141	3.58	CDR/CDR	23	75		
		† 1000	305	16.1	7.3									CDR/SCR	40	131	
<b>83553</b>	3 CDR	100	31	3.5	1.6						0.148	3.76	CDR/CDR	23	75		
		† 500	152	11.5	5.2									CDR/SCR	40	131	
		† 1000	305	20.1	9.1												
<b>83554</b>	4 CDR	100	31	4.0	1.8						0.159	4.04	CDR/CDR	23	75		
		† 500	152	12.6	5.7									CDR/SCR	40	131	
		† 1000	305	25.1	11.4												
<b>83556</b>	6 CDR	100	31	5.3	2.4						0.183	4.65	CDR/CDR	23	75		
		† 500	152	16.5	7.5									CDR/SCR	40	131	
		† 1000	305	35.9	16.3												
<b>83559</b>	9 CDR	100	31	6.8	3.1						0.209	5.31	CDR/CDR	23	75		
		† 500	152	23.1	10.5									CDR/SCR	40	131	
		† 1000	305	50.0	22.7												
<b>83562</b>	12 CDR	† 500	152	28.7	13.0						0.234	5.94	CDR/CDR	23	75		
		† 1000	305	60.0	27.2									CDR/SCR	40	131	
<b>83569</b>	19 CDR	100	31	9.7	4.4						0.269	6.83	CDR/CDR	23	75		
		† 500	152	44.1	20.0									CDR/SCR	40	131	
		† 1000	305	85.1	38.6												

TC = Tinned Copper • DCR = DC resistance • SCR = Capacitance between one conductor and other conductors connected to shield. • CDR = Capacitance between conductors  
† Spools are one piece, but length may vary ± 10% from length shown.