

Overall Beldfoil® Shield

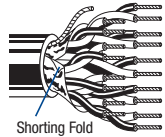
High-Temperature Control, Instrumentation Cables and Computer Cables
for EIA RS-232 Applications

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. Imp. ()	Nom. Vel. of Prop.	Nominal Capacitance		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	

24 AWG • Stranded (7x32) 0.6 mm Tinned Copper • Twisted Pair • Overall Beldfoil® Shield • 24 AWG Tinned Copper Drain Wire

Semi-Rigid PVC Insulation • Chrome PVC Jacket

300V 80°C UL AWM Style 2464 CSA AWM I A	NEC: CMG CEC: CMG FT4	0.61 mm 24 AWG (7x32) TC	0.044	1.12	Overall Beldfoil® + Drain Wire (24 AWG TC)	75	60%	see chart 3 (Tech Info Section)
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9501	1-Pair	100	31	2.2	1.0	0.156	3.96	CDR/CDR CDR/SCR	40	131
		U-500	U-152	7.5	3.4					
		500	152	7.1	3.2					
		U-1000	U-305	14.1	6.4					
		1000	305	14.1	6.4					
9502†	2-Pair	100	31	3.7	1.7	0.222	5.64	CDR/CDR CDR/SCR	30	98
		U-500	U-152	15.0	6.8					
		500	152	14.6	6.6					
		U-1000	U-305	28.0	12.7					
		1000	305	30.0	13.6					
10000	3048	290.6	131.8	For Plenum version of 9502, see 82502.						
9503	3-Pair	100	31	3.3	1.5	0.232	5.89	CDR/CDR CDR/SCR	30	98
		U-500	U-152	15.0	6.8					
		500	152	14.6	6.6					
		U-1000	U-305	28.0	12.7					
		1000	305	30.0	13.6					
9504	4-Pair	100	31	4.0	1.8	0.265	6.73	CDR/CDR CDR/SCR	30	98
		U-500	U-152	18.1	8.2					
		500	152	16.5	7.5					
		U-1000	U-305	35.1	15.9					
		1000	305	35.9	16.3					
9505	5-Pair	100	31	4.6	2.1	0.289	7.34	CDR/CDR CDR/SCR	30	98
		U-500	U-152	21.6	9.8					
		500	152	22.9	10.4					
		U-1000	U-305	41.0	18.6					
		1000	305	43.0	19.5					
9506	6-Pair	100	31	5.1	2.3	0.289	7.34	CDR/CDR CDR/SCR	30	98
		U-500	U-152	22.9	10.4					
		500	152	24.9	11.3					
		U-1000	U-305	45.0	20.4					
		1000	305	47.2	21.4					
9507	7-Pair	100	31	5.5	2.5	0.294	7.47	CDR/CDR CDR/SCR	30	98
		U-500	U-152	24.9	11.3					
		500	152	27.1	12.3					
		U-1000	U-305	49.2	22.3					
		1000	305	50.9	23.1					
9508	8-Pair	100	31	6.4	2.9	0.324	8.23	CDR/CDR CDR/SCR	30	98
		500	152	30.4	13.8					
		1000	305	60.0	27.2					
9509	9-Pair	100	31	6.8	3.1	0.334	8.48	CDR/CDR CDR/SCR	30	98
		500	152	33.5	15.2					
		1000	305	67.0	30.4					
9510	10-Pair	100	31	7.5	3.4	0.368	9.34	CDR/CDR CDR/SCR	30	98
		500	152	36.6	16.6					
		1000	305	74.1	33.6					
9515	15-Pair	100	31	10.4	4.7	0.417	10.60	CDR/CDR CDR/SCR	30	98
		500	152	52.0	23.6					
		1000	305	102.3	46.4					
9519	19-Pair	100	31	12.8	5.8	0.449	11.40	CDR/CDR CDR/SCR	30	98
		500	152	61.7	28.0					
		1000	305	122.4	55.5					

TC = Tinned Copper • DCR = DC resistance • SCR = Capacitance between one conductor and other conductors connected to shield. • CDR = Capacitance between conductors
† Pennsylvania Department of Environmental Resources and United States Mine Safety and Health Administration certification. Request quotations of RG/U cables not listed.



For more information, contact Belden Technical Support +31-77-3875-414 • www.belden-emea.com

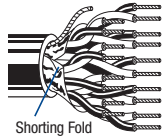
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De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. ()	Nom. Vel. of Prop.	Nominal Capacitance		Color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

24 AWG • Stranded (7x32) 0.6 mm Tinned Copper • Twisted Pair • Overall Beldfoil® Shield • 24 AWG Tinned Copper Drain Wire (continued)

Semi-Rigid PVC Insulation • Chrome PVC Jacket																	
300V 80°C UL AWM Style 2464 CSA AWM 1 A	NEC: CMG CEC: CMG FT4						0.61 mm 24 AWG (7x32) TC	0.044	1.12	Overall Beldfoil® + Drain Wire (24 AWG TC)			75	60%			see chart 3 (Tech Info Section)



9525	25-Pair	100	31	16.1	7.3	0.504	12.80	CDR/CDR	30	98	
		500	152	79.6	36.1				CDR/SCR	50	164
		1000	305	155.0	70.3						
9550	50-Pair	100	31	32.0	14.5	0.709	18.00	CDR/CDR	30	98	
		† 500	152	153.9	69.8				CDR/SCR	50	164
		† 1000	305	311.7	141.4						

24 AWG • Stranded (7x32) 0.6 mm Tinned Copper • Twisted Pair • Overall Beldfoil® Shield • 24 AWG Tinned Copper Drain Wire

Plenum • FEP Insulation • Natural Flamarrst® Jacket																	
300V RMS	NEC: CMP CEC: CMP FT6						0.61 mm 24 AWG (7x32) TC	0.036	0.91	Overall Beldfoil® + Drain Wire (24 AWG TC)							see chart 3 (Tech Info Section)



82641	1-Pair	†† U-1000	U-305	9.0	4.1	0.106	2.69	CDR/CDR	31	102	
		†† 1000	305	7.9	3.6				CDR/SCR	59	194
82502	2-Pair	†† U-500	U-152	7.9	3.6	0.162	4.11	CDR/CDR	25	82	
		†† U-1000	U-305	16.1	7.3				CDR/SCR	45	148
		†† 1000	305	14.1	6.4						
82503	3-Pair	†† U-1000	U-305	19.0	8.6	0.169	4.29	CDR/CDR	25	82	
		†† 1000	305	18.1	8.2				CDR/SCR	45	148
82504	4-Pair	†† U-1000	U-305	24.0	10.9	0.193	4.90	CDR/CDR	25	82	
		†† 1000	305	26.0	11.8				CDR/SCR	45	148
82505	5-Pair	†† U-1000	U-305	29.1	13.2	0.196	4.98	CDR/CDR	25	82	
		†† 1000	305	30.9	14.0				CDR/SCR	45	148
82506	6-Pair	†† U-500	U-152	17.6	8.0	0.209	5.31	CDR/CDR	25	82	
		†† U-1000	U-305	34.2	15.5				CDR/SCR	45	148
		†† 1000	305	35.1	15.9						
82509	9-Pair	†† 1000	305	49.2	22.3	0.246	6.25	CDR/CDR	23	75	
								CDR/SCR	42	138	

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 0% to +20% from length shown.

†† Spools and/or UnReel® cartons are one piece, but length may vary ±10% for spools and ±5% for UnReel® from length shown.