


# Plenum-Rated


## Overall Beldfoil® Shield

### Computer Cables for EIA RS-232 Applications

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Color Code	Standard Lengths		Standard Unit Weight		Insulation Thickness		Jacket Thickness		Nominal OD		Nominal Capacitance			
					Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	Inch	mm	* pF/ Ft.	* pF/ m	** pF/ Ft.	** pF/ m

**24 AWG Stranded (7x32) Tinned Copper Conductors • Twisted Pairs • Overall Beldfoil Shield (100% Coverage) • 24 AWG Stranded TC Drain Wire**

<b>Plenum • FEP Insulation • Red FEP Jacket</b>																					
300V RMS 	<b>88641</b>	NEC:	1	Black & Red	100	30.5	2.4	1.1	.006	.15	.014	.36	.106	2.69	31	102	59	194			
		CMP:			500†	152.4	6.0	2.7													
		CEC:			1000†	304.8	9.0	4.1													
		CMP FT6																			
	<b>89503</b>	NEC:	3	Black & White, Black & Red, Black & Green	100	30.5	4.0	1.8	.006	.15	.014	.36	.175	4.45	21	69	40	131			
		CMP:			500†	152.4	10.5	4.8													
		CEC:			1000†	304.8	21.0	9.5													
		CMP FT6																			
	<b>89504</b>	NEC:	4	Black & White, Black & Red, Black & Green, Black & Blue	500†	152.4	13.0	5.9	.006	.15	.014	.36	.192	4.88	21	69	40	131			
		CMP:			1000†	304.8	29.0	13.2													
		CEC:																			
		CMP FT6																			
	<b>89505</b>	NEC:	5	Black & White, Black & Red, Black & Green, Black & Blue, Black & Yellow	100	30.5	4.9	2.2	.006	.15	.014	.36	.197	5.00	21	69	40	131			
		CMP:			1000†	304.8	33.0	15.0													
		CEC:																			
		CMP FT6																			

<b>Plenum • FEP Insulation • Natural Flamarrest® Jacket</b>																					
300V RMS 	<b>82641</b>	NEC:	1	Black & Red	U-1000	U-304.8	9.0	4.1	.006	.15	.014	.36	.106	2.69	31	102	59	194			
		CMP:			1000	304.8	8.0	3.6													
		CEC:																			
		CMP FT6																			
	<b>82502</b>	NEC:	2	Black & White, Black & Red	U-500	U-152.4	8.0	3.6	.006	.15	.014	.36	.162	4.11	25	82	45	148			
		CMP:			U-1000	U-304.8	16.0	7.3													
		CEC:			1000	304.8	14.0	6.4													
		CMP FT6																			
	<b>82503</b>	NEC:	3	Black & White, Black & Red, Black & Green	U-1000	U-304.8	19.0	8.6	.006	.15	.014	.36	.169	4.29	25	82	45	148			
		CMP:			1000	304.8	18.0	8.2													
		CEC:																			
		CMP FT6																			
	<b>82504</b>	NEC:	4	Black & White, Black & Red, Black & Green, Black & Blue	U-1000	U-304.8	24.0	10.9	.006	.15	.014	.36	.193	4.90	25	82	45	148			
		CMP:			1000	304.8	26.0	11.8													
		CEC:																			
		CMP FT6																			
	<b>82505</b>	NEC:	5	See Chart 3 (Tech Info Section)	U-1000	U-304.8	29.0	13.2	.006	.15	.015	.38	.196	4.98	25	82	45	148			
		CMP:			1000	304.8	31.0	14.0													
		CEC:																			
		CMP FT6																			
	<b>82506</b>	NEC:	6	See Chart 3 (Tech Info Section)	U-500	U-152.4	17.5	8.0	.006	.15	.015	.38	.209	5.31	25	82	45	148			
		CMP:			U-1000	U-304.8	34.0	15.5													
		CEC:			1000	304.8	35.0	15.9													
		CMP FT6																			
	<b>82509</b>	NEC:	9	See Chart 3 (Tech Info Section)	1000	304.8	49.0	22.3	.006	.15	.015	.38	.246	6.25	23	75	42	138			
		CMP:																			
		CEC:																			
		CMP FT6																			
	<b>82512</b>	NEC:	12.5 (12 pairs + 1 single)	See Chart 3 (Tech Info Section)	1000	304.8	60.0	27.3	.006	.15	.015	.38	.278	7.06	23	75	42	138			
		CMP:																			
		CEC:																			
		CMP FT6																			

TC = Tinned Copper

\*Capacitance between conductors.

\*\*Capacitance between one conductor and other conductors connected to shield.

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