






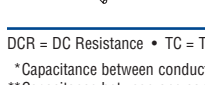


Overall Foil/Braid Shield

Low-Capacitance Computer Cables for EIA RS-485 Applications
Plenum-Rated and Non-Plenum

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Color Code	Standard Lengths		Standard Unit Weight		Nom. DCR		Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nom. Capacitance					
					Ft.	m	Lbs.	kg	Cond.	Shield	Inch	mm			* pF/ Ft.	* pF/ m	** pF/ Ft.	** pF/ m		
24 AWG Stranded (7x32) TC Conductors • Overall Beldfoil® (100% Coverage) + TC Braid Shield (90% Coverage) • 24 AWG Stranded TC Drain Wire																				
Polyethylene Insulation • Chrome PVC Jacket																				
UL AWM Style 2919 (30V 80°C) DMX 512 	9841	NEC:	1	See	100	30.5	4.3	2.0	24.0Ω/M'	3.4Ω/M'	.232	5.89	120	66%	12.8	42.0	23.0	75.5		
		CM		Chart 5	500	152.4	20.0	9.1	78.7Ω/km	11.0Ω/km	For Plenum versions of 9841, see 82841 or 89841.									
		CEC:		(Tech Info	1000	304.8	40.0	18.2												
		CM		Section)																
	9842	NEC:	2	See	100	30.5	5.8	2.6	24.0Ω/M'	2.2Ω/M'	.340	8.64	120	66%	12.8	42.0	23.0	75.5		
		CM		Chart 5	500	152.4	29.5	13.4	78.7Ω/km	7.2Ω/km	For Plenum versions of 9842, see 82842.									
		CEC:		(Tech Info	1000	304.8	57.0	25.9												
		CM		Section)																
	9843	NEC:	3	See	100	30.5	7.1	3.2	24.0Ω/M'	2.3Ω/M'	.360	9.14	120	66%	12.8	42.0	23.0	75.5		
		CM		Chart 5	500	152.4	34.5	15.7	78.7Ω/km	7.7Ω/km										
		CEC:		(Tech Info	1000	304.8	67.0	30.5												
		CM		Section)																
	9844	NEC:	4	See	500	152.4	43.0	19.5	24.0Ω/M'	2.1Ω/M'	.390	9.91	120	66%	12.8	42.0	23.0	75.5		
		CM		Chart 5	1000	304.8	83.0	37.7	78.7Ω/km	6.9Ω/km										
		CEC:		(Tech Info																
		CM		Section)																
Plenum • Foam FEP Insulation • Natural Flammarrest® Jacket																				
300V RMS 	82841	NEC:	1	See	500	152.4	13.0	6.0	24.0Ω/M'	3.1Ω/M'	.204	5.18	120	76%	12	39.4	22	72.2		
		CMP		Chart 5	1000	304.8	26.0	11.8	78.7Ω/km	10.2Ω/km										
		CEC:		(Tech Info																
300V RMS 	82842	NEC:	2	See	500	152.4	19.0	8.6	24.0Ω/M'	2.4Ω/M'	.273	6.93	120	76%	12	39.4	22	72.2		
		CMP		Chart 5	1000	304.8	42.0	19.1	78.7Ω/km	7.9Ω/km										
		CEC:		(Tech Info																
300V RMS 	89841	NEC:	1	See	500	152.4	13.5	6.1	24.0Ω/M'	3.1Ω/M'	.202	5.13	120	76%	12	39.4	22	72.2		
		CMP		Chart 5	1000	304.8	27.0	12.3	78.7Ω/km	10.2Ω/km										
		CEC:		(Tech Info																
300V RMS 	89842 <small>new</small>	NEC:	2	See	500	152.4	25.5	11.6	24.0Ω/M'	3.1Ω/M'	.305	7.75	120	76%	12	39.4	22	72.2		
		CMP		Chart 5	1000	304.8	49.0	22.2	78.7Ω/km	10.2Ω/km										
		CEC:		(Tech Info																

DCR = DC Resistance • TC = Tinned Copper

*Capacitance between conductors.

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