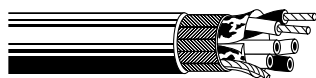


# CANopen RS-485

Non-Plenum • Overall Foil/Braid Shield • RS-485 • DMX512



Part No.	Pairs	Color Code	OD (Nom)		Insulation Thickness		Jacket Thickness		Capacitance				Additional Features/Ratings
			Inch	mm	Inch	mm	Inch	mm	Cond. - Cond.		Cond. - Shield		
									pF/Ft	pF/m	pF/Ft	pF/m	

### 24 AWG • Polyethylene/PVC

Stranded (7 x 32) TC Conductors • Polyethylene Insulation • Overall Beldfoil® + 90% TC Braid Shield • 24 AWG Stranded TC Drain Wire • Chrome PVC Jacket														
9841	1	Chart 5	.232	5.89	.023	.58	.035	.89						NEC: CM • CEC: CM UL AWM Style 2919 (30 V, 80 °C) ANSI E1.11 DMX512 120 Ω Nom. Impedance 66% Velocity of Prop. Conductor DCR (Nom): 24.0 Ω /1000' (78.7 Ω/km)
9842	2	Chart 5	.340	8.64										
9843	3	Chart 5	.360	9.14	.022	.56	.035	.89	12.8	42.0	23.0	75.5		
9844	4	Chart 5	.390	9.91										

### 24 AWG • Polyethylene/LSNH

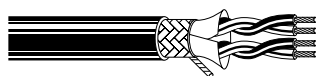
Stranded (7 x 32) TC Conductors • Polyethylene Insulation • Overall Beldfoil® + 90% TC Braid Shield • 24 AWG Stranded TC Drain Wire • Chrome FRNC/LSNH Jacket														
9841NH	1	Chart 5	.232	5.89	.023	0.58	.035	.89						IEC332-3-24 ANSI E1.11 DMX512 120 Ω Nom. Impedance 66% Velocity of Prop. Conductor DCR (Nom): 24.0 Ω /1000' (78.7 Ω/km)
9842NH	2	Chart 5	.341	8.65										
9843NH	3	Chart 5	.358	9.10	.022	0.56	.035	.89	12.8	42.0	23.0	75.5		
9844NH	4	Chart 5	.390	9.91										

### 24 AWG • Polyethylene/LSNH • Armored

Stranded (7 x 32) TC Conductors • Polyethylene Insulation • Chrome FRNC/LSNH Inner Jacket • Overall Beldfoil® + 90% TC Braid Shield • 24 AWG Stranded TC Drain Wire • Steel Wire Armor • Black Sunlight-Resistant FRNC/LSNH Outer Jacket														
9841LS	1	Chart 5	.405	10.30	.023	0.58								IEC332-3-24 ANSI E1.11 DMX512 120 Ω Nom. Impedance 66% Velocity of Prop. Conductor DCR (Nom): 24.0 Ω /1000' (78.7 Ω/km)
							.035/.051*	.89/1.30*	12.8	42.0	23.0	75.5		
9842LS	2	Chart 5	.516	13.10	.022	0.56								

\*Inner jacket/outer jacket

Plenum • Overall Foil/  
Braid Shield • RS-485



- NEC: CMP
- CEC: CMP FT6

Part No.	Pairs	Color Code	OD (Nom)		Insulation Thickness		Jacket Thickness		Capacitance				Additional Features/Ratings
			Inch	mm	Inch	mm	Inch	mm	Cond. - Cond.		Cond. - Shield		
									pF/Ft	pF/m	pF/Ft	pF/m	

### 24 AWG • FEP/Famarrest®

Stranded (7 x 32) TC Conductors • Foam FEP Insulation • Overall Beldfoil + 90% TC Braid Shield • 24 AWG Stranded TC Drain Wire • Natural Famarrest Jacket														
82841	1	Chart 5	.204	5.18	.025	.64	.015	.38						Plenum 300 V 120 Ω Nom. Impedance 76% Velocity of Prop. Conductor DCR (Nom): 24.0 Ω /1000' (78.7 Ω/km)
82842	2	Chart 5	.273	6.93	.019	.48	.015	.38	12	39.4	22	72.2		

### 24 AWG • FEP/FEP

Stranded (7 x 32) TC Conductors • Foam FEP Insulation • Overall Beldfoil + 90% TC Braid Shield • 24 AWG Stranded TC Drain Wire • Red FEP Jacket														
89841	1	Chart 5	.202	5.13	.025	.64	.014	.36						Plenum 300 V 120 Ω Nom. Impedance 76% Velocity of Prop. Conductor DCR (Nom): 24.0 Ω /1000' (78.7 Ω/km)
89842	2	Chart 5	.305	7.75	.023	.58	.014	.36	12	39.4	22	72.2		