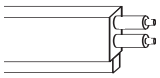
Industrial Data Solutions® – Industrial Data

ASI Bus Flatcable

INDUSTRIALTUFF™

Description	Part No.	UL NEC/C(UL)CEC Type IEC	Standard Lengths ft.	Standard Lengths m	Standard Unit Weight lbs.	Standard Unit Weight kg	Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD inch	Nominal Insulation OD mm	Shielding Material Nom. DCR	Nominal OD inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/100 ft.	Nominal Attenuation dB/100 m
16 AWG • Stranded (84x0.15) 1.5 mm Tinned Copper																			
PVC Insulation • Yellow TPE-O Jacket																			
300V 80°C	**3999E**		328	100	63.9	29.0	1.5 mm 16 AWG (84x0.15) TC	0.096	2.45	Unshielded	0.157 x 0.394	4.00 x 10.00							



2-Conductor

Color Code: Blue, Brown

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EIA Industrial RS-485 PLTC/CM

Description	Part No.	UL NEC/C(UL)CEC Type IEC	Standard Lengths ft.	Standard Lengths m	Standard Unit Weight lbs.	Standard Unit Weight kg	Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD inch	Nominal Insulation OD mm	Shielding Material Nom. DCR	Nominal OD inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance	Nominal Capacitance pF/ft.	Nominal Capacitance pF/m	Color Code
22 AWG • Stranded (7x30) 0.8 mm Tinned Copper • Twisted Pair • **Beldfoil®** • 90% Tinned Copper Braid • 22 AWG Tinned Copper Drain Wire																		
Datalene® Insulation • Black UV Resistant Jacket (CPE Jacket Optional)																		
300V Oil Res II		NEC: CM PLTC CEC: CM FT1					0.76 mm 22 AWG (7x30) TC	0.087	2.21	Overall Beldfoil® + Overall 90% TC Braid + Drain Wire (22 AWG TC)			120	78%				
3105A 1-Pair DMX512 Type			500 1000 † 5000	152 305 1524	23.0 50.0 255.2	10.4 22.7 115.8					0.284	7.21			CDR/CDR CDR/SCR	20.9 11.0	68.6 36.1	see chart below
For CPE jacketed version order Part No. YR44345.																		
3106A 1.5-Pair*			500 1000 † 5000	152 305 1524	27.1 51.1 260.4	12.3 23.2 118.1					0.300	7.62			CDR/CDR CDR/SCR	20.9 11.0	68.6 36.1	White/Orange, Orange/White Blue/White
For CPE jacketed version order Part No. YR46721.																		
3107A 2-Pair DMX512 Type			1000 4000 † 5000	305 1.219 1524	69.1 300.2 385.3	31.3 136.2 174.8					0.356	9.04			CDR/CDR CDR/SCR	20.9 11.0	68.6 36.1	see chart below
For CPE jacketed version order Part No. YR46792.																		
3108A 3-Pair			1000 2000	305 610	93.0 184.0	42.2 83.5					0.420	10.67			CDR/CDR CDR/SCR	20.9 11.0	68.6 36.1	see chart below
For CPE jacketed version order Part No. YR45287.																		
3109A 4-Pair			1000 2000	305 610	107.2 218.2	48.6 99.0					0.420	10.67			CDR/CDR CDR/SCR	20.9 11.0	68.6 36.1	see chart below
For CPE jacketed version order Part No. YR44768.																		

TC = Tinned Copper • DCR = DC resistance
† Final put-up length may vary 0% to +10% from length shown. • * All conductors are under the braid shield; one pair is under the Beldfoil shield.

Color Code

Pair No.	Color
1	White/Blue Stripe, Blue/White Stripe
2	White/Orange Stripe, Orange/White Stripe
3	White/Green Stripe, Green/White Stripe
4	White/Brown Stripe, Brown/White Stripe