

**Industrial Data Solutions® - Industrial Twinax**

DataTray® 600V Twinaxial Cables



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. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation	
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	MHz	dB/ 100 ft.

**18 AWG • Stranded (7x26) 1.2 mm Tinned Copper • Beldfoil® • 55 % Tinned Copper Braid • 20 AWG Tinned Copper Drain Wire**

**Flame-Retardant Polyolefin Insulation • Blue Sunlight-Resistant PVC Jacket**

600V 75°C UL Type TC	<b>3072F</b>	NEC:	250	76	17.6	8.0	1.22 mm	0.096	2.44	Overall Beldfoil®	0.324	8.23	78	65%	19.5	64.0	1	0.5	1.7
		CMG, ITC	500	152	35.1	15.9	18 AWG			+ Overall							10	2.0	6.6
		TC, PLTC	1000	305	69.0	31.3	(7x26) TC			55% TC Braid							50	3.8	12.4
		CEC:	2500	762	170.2	77.2				+ Drain Wire							100	5.4	17.6
		CMG FT4	5000	1524	345.2	156.6				(20 AWG TC)							200	7.6	24.8
			10000	3049	710.5	322.3											400	10.7	35.1



Z-Fold®

VW-1

Color Code: Natural, Blue

For CPE jacketed version order Part No. YM45044  
P-MSHA-C-7K-1827\*

**Flame-Retardant Polyolefin Insulation • Blue Sunlight-Resistant PVC Jacket**

600V 75°C UL Type TC	<b>3073F</b>	NEC:	250	76	20.9	9.5	1.22 mm	0.123	3.12	Overall Beldfoil®	0.388	9.86	100	65%	15.3	50.2	1	0.4	1.3
		CMG, ITC	1000	305	85.1	38.6	18 AWG			+ Overall							10	1.3	4.4
		TC, PLTC	5000	1524	420.4	190.7	(7x26) TC			55% TC Braid							50	3.0	9.7
		CEC:								+ Drain Wire							100	4.2	13.8
		CMG FT4								(20 AWG TC)							200	5.9	19.5
																	400	7.5	24.7



Z-Fold®

Color Code: Natural, Blue

CPE jacket optional.

**Flame-Retardant Polyolefin Insulation • Blue Sunlight-Resistant PVC Jacket**

600V 75°C UL Type TC	<b>3074F</b>	NEC:	500	152	62.6	28.4	1.22 mm	0.164	4.17	Overall Beldfoil®	0.460	11.68	124	65%	12.3	40.3	1	0.3	1.1
		CMG, ITC	1000	305	121.0	54.9	18 AWG			+ Overall							10	1.1	3.5
		TC, PLTC	2500	762	300.3	136.2	(7x26) TC			55% TC Braid							50	2.4	7.8
		CEC:								+ Drain Wire							100	3.4	11.1
		CMG FT4								(20 AWG TC)							200	4.8	15.7
																	400	6.8	22.2



Z-Fold®

Color Code: Natural, Blue

CPE jacket optional.

TC = Tinned Copper • DCR = DC resistance

\* Pennsylvania Department of Environmental Resources and United States Mine Safety and Health Administration Certification.