

300V Multi Pair Shielded PLTC
Type PLTC 300V 105C

**300V / 105C
PLTC**

Part Number	AWG Stranding	No of Pairs	Insulation Thickness	Jacket Thickness	Nominal O.D.	Weight/Mft Nom.
4664	20 AWG	2	.015 Nom	.045	.330	58
2619	7/28	4		.050	.405	89
4665	BC	6			.460	114
2620		8			.500	135
2621		12			.575	186
2622		16		.060	.660	247
2623		24			.775	342
2624		36		.070	.905	492
2625		50			1.050	649

4675	18 AWG	2	.015 Nom.	.045	.390	77
2753	7/26	4		.050	.440	110
4677	BC	6			.535	147
4678		8			.545	175
4679		12			.660	266
4680		16		.060	.730	333
4681		24			.860	465
4682		36		.070	1.010	675
4683		50			1.175	899

4666	16 AWG	2	.015 Nom.	.050	.450	88
2764	7/.0192	4			.490	143
4668	BC	6			.580	193
4669		8			.610	245
4670		12		.060	.735	361
4621		16			.835	459
4672		24		.070	.995	669
4673		36			1.140	946
4674		50			1.355	1298

Color Code: Black and white - Alphanumeric print on white wire

300V Single Pair Shielded PLTC

2596	20 AWG	7/28	.015	.035	.195	25
2595	18 AWG	7/26			.215	31
2593	16 AWG	7/.0192			.260	42
4658	14 AWG	7/.0242			.280	70

Color Code: Black and white

Conductor:	Stranded Bare Copper
Insulation:	PVC
Shield:	Aluminum/Polyester foil
Drain:	Stranded tinned copper
Jacket:	Black PVC
Approvals:	UL Subject 13, 2250 NEC 725, 727, PLTC/ITC/CL3 IEEE 383 70,000 BTU UL1581 Sunlight resistant
Application:	Process Instrumentation and Control Analog and Digital signaling Class 1 Division 2 locations



300V Multi Pair Individual & Overall Shielded PLTC
Type PLTC 300V 105C

**300V / 105C
PLTC**

Part Number	AWG Stranding	No of Pairs	Insulation Thickness	Jacket Thickness	Nominal O.D.	Weight/Mft Nom.
2638	20 AWG	2	.015 Nom	.045	.370	70
2639	7/28	4		.050	.435	104
4684	BC	6			.490	135
2640		8			.545	165
2641		12			.670	245
2642		16			.060	.740
2643		24		.900		445
2644		36		.070		1.050
2645		50			1.225	805

2758	18 AWG	2	.015 Nom.	.050	.450	80
2759	7/26	4			.470	130
4696	BC	6			.545	195
4697		8			.615	230
4698		12			.060	.740
4699		16		.815		420
4700		24		.070		1.025
4701		36			1.135	850
4702		50			1.390	1170

2769	16 AWG	2	.015 Nom.	.050	.480	105
2770	7/0192	4			.525	175
4687	BC	6			.600	255
4688		8			.680	320
4689		12			.060	.855
4690		16		.945		595
4691		24		.070		1.160
4692		36			1.345	1230
4693		50			1.540	1625

Color Code: Black and white - Alphanumeric print on white wire

Conductor:	Stranded Bare Copper
Insulation:	PVC
Shield:	Aluminum/Polyester foil
Drain:	Stranded tinned copper
Jacket:	Black PVC
Approvals:	UL Subject 13, 2250 NEC 725, 727, PLTC/ITC/CL3 IEEE 383 70,000 BTU UL1581 Sunlight resistant
Application:	Process Instrumentation and Control Analog and Digital signaling Class 1 Division 2 locations



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300V Multi Triad Shielded PLTC
Type PLTC 300V 105C

**300V / 105C
PLTC**

Part Number	AWG Stranding	No of Triads	Insulation Thickness	Jacket Thickness	Nominal O.D.	Weight/Mft Nom.
4703	20 AWG	2	.015 Nom	.050	.400	65
4704	7/28	4			.480	112
4705	BC	8			.560	200
4706		12		.060	.740	277
4707		24		.070	1.030	515

4714	18 AWG	2	.015 Nom.	.050	.420	90
4715	7/26	4			.515	145
4716	BC	12		.060	.825	372
4717		16			.860	458
4718		24			.070	1.020

4709	16 AWG	2	.015 Nom.	.050	.475	120
4710	7/.0192	4			.575	196
4711	BC	8			.755	350
4712		12		.060	.885	520
4713		24		.070	1.175	990

Color Code: Black, white and red - Alphanumeric print on white wire

300V Single Triad Shielded PLTC

4661	20 AWG	7/28	.015	.035	.230	32
2599	18 AWG	7/26			.250	40
2798	16 AWG	7/.0192			.265	58
4662	14 AWG	7/.0242			.310	85

Color Code: Black, white and red

Conductor:	Stranded Bare Copper
Insulation:	PVC
Shield:	Aluminum/Polyester foil
Drain:	Stranded tinned copper
Jacket:	Black PVC
Approvals:	UL Subject 13, 2250 NEC 725, 727, PLTC/ITC/CL3 IEEE 383 70,000 BTU UL1581 Sunlight resistant
Application:	Process Instrumentation and Control Analog and Digital signaling Class 1 Division 2 locations



300V Multi Triad Individual & Overall Shielded PLTC
Type PLTC 300V 105C

**300V / 105C
PLTC**

Part Number	AWG Stranding	No of Triads	Insulation Thickness	Jacket Thickness	Nominal O.D.	Weight/Mft Nom.
4719	20 AWG	2	.015 Nom	.050	.400	65
2646	7/28	4			.490	126
2647	BC	8			.620	200
2648		12		.060	.770	235
2649		24		.070	1.030	612
4725	18 AWG	2	.015 Nom.	.050	.490	90
4726	7/26	4			.515	160
4727	BC	8			.664	234
4728		12		.060	.850	430
4729		24		.070	1.280	845
4720	16 AWG	2	.015 Nom.	.050	.490	135
4721	7/.0192	4			.595	225
4722	BC	8			.795	590
4723		12		.060	.980	600
4724		24		.070	1.390	1200

Color Code: Black, white and red - Alphanumeric print on white wire

Conductor:	Stranded Bare Copper
Insulation:	PVC
Shield:	Aluminum/Polyester foil
Drain:	Stranded tinned copper
Jacket:	Black PVC
Approvals:	UL Subject 13, 2250 NEC 725, 727, PLTC/ITC/CL3 IEEE 383 70,000 BTU UL1581 Sunlight resistant
Application:	Process Instrumentation and Control Analog and Digital signaling Class 1 Division 2 locations



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600V Multi Conductor Unshielded Tray Cable
Type TC UL 90° C 600V

600V / 90C Tray
Cable

Part Number	AWG Stranding	No of conductors	Insulation Thickness	Jacket Thickness	Nominal O.D.	Weight/Mft Nom.
3807	18 AWG	2 Flat	.015 Nom.	.045	.190 x .285	35
3808	7/26	3			.300	48
3809	BC	4			.325	59
3810		5			.355	69
3811		6			.364	80
3812		7			.381	86
3813		8			.415	98
3813-9		9			.435	110
3814		10			.480	119
3815		12			.495	137
3816		15		.060	.560	184
3817		19			.580	218
3818		24			.725	270
3818-25		25			.735	281
3819		30			.750	310
3820		37			.805	380

3821	16 AWG	2 Flat	.015 Nom.	.045	.200 x .295	48
3822	7/.0192	3			.305	58
3823	BC	4			.330	72
3824		5			.360	89
3825		6			.375	105
3826		7			.385	117
3827		8			.430	132
3828		9			.450	145
3829		10			.490	164
3830		12			.500	180
3831		15		.060	.585	242
3832		19			.615	277
3833		24			.685	360
3833-25		25			.715	375
3834		30			.755	430
3835		37		.080	.815	560

3836	14 AWG	2 Flat	.015 Nom.	.045	.240 x .325	62	
3837	7/.0242	3			.325	78	
3838	BC	4			.353	97	
3839		5			.386	116	
3840		6			.417	138	
3841		7			.417	151	
3842		8			.450	180	
3843		9			.483	200	
3844		10			.060	.555	227
3845		12				.572	267
3846		15		.635		324	
3847		19		.665		392	
3848		24		.760		486	
3848-25		25		.080	.775	506	
3849		30			.860	637	
3850		37			.923	765	

Conductor:	Stranded Bare Copper
Insulation:	PVC + Nylon (.005" Nominal)
Shield:	None
Drain:	None
Jacket:	Black PVC
Approvals:	UL Subject 83, 1277 NEC 310,318,340,501 Class 1 Division 2 IEEE 383 70,000 BTU UL1581 Sunlight resistant, Direct Burial
Application:	General control applications Process monitoring and control systems



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600V Multi Conductor Unshielded Tray Cable
Type TC UL 90° C 600V

**600V / 90C Tray
Cable**

Part Number	AWG Stranding	No of conductors	Insulation Thickness	Jacket Thickness	Nominal O.D.	Weight/Mft Nom.	
3851	12 AWG	2 Flat	.015 Nom.	.045	.260 x .365	74	
3852	7/.0305	3			.365	108	
3853	BC	4			.400	136	
3854		5			.435	165	
3855		6			.470	185	
3856		7			.470	216	
3857		8		.060	.510	262	
3858		9			.580	294	
3859		10			.630	324	
3860		12			.650	376	
3861		15			.720	465	
3861-16		16			.740	486	
3862		19			.756	566	
3863		24			.080	.880	745
3863-25		25				.925	776
3864		30		.975		930	
3865		37			1.050	1090	

3866	10 AWG	2 Flat	.020 Nom.	.045	.260 x .430	121
3867	7/.0385	3			.460	163
3868	BC	4			.505	210
3869		5		.060	.585	266
3870		6			.635	317
3871		7			.635	349
3872		8			.685	396
3873		9			.735	446
3874		10			.800	521
3875		12		.080	.830	606
3876		14			.940	784
3877		15			.964	967

Color Code: Method 1 K-2

Conductor:	Stranded Bare Copper
Insulation:	PVC + Nylon (.005" Nominal)
Shield:	None
Drain:	None
Jacket:	Black PVC
Approvals:	UL Subject 83, 1277 NEC 310,318,340,501 Class 1 Division 2 IEEE 383 70,000 BTU UL1581 Sunlight resistant, Direct Burial
Application:	General control applications Process monitoring and control systems



600V Multi Conductor Shielded Tray Cable
Type TC UL 90° C 600V

**600V / 90C Tray
Cable**

Part Number	AWG Stranding	No of conductors	Insulation Thickness	Jacket Thickness	Nominal O.D.	Weight/Mft Nom.
4326	18 AWG	2	.015 Nom.	.045	.300	40
4327	7/26	3			.310	55
4328	BC	4			.335	65
4329		5			.365	75
4330		7			.410	105
4331		9		.460	115	
4332		12		.550	148	
4333		15		.060	.590	200
4334		19			.630	230

4335	16 AWG	2	.015 Nom.	.045	.310	50
4336	7/0192	3			.320	64
4337	BC	4			.345	80
4338		5			.370	92
4339		7			.400	120
4340		9		.465	160	
4341		12		.060	.560	190
4342		15			.615	245
4343		19			.630	290

4344	14 AWG	2	.015 Nom.	.045	.332	70
4345	7/0242	3			.350	86
4346	BC	4			.370	108
4347		5			.415	130
4348		7			.465	165
4349		9		.540	210	
4350		12		.060	.600	280
4351		15			.685	345
4352		19			.710	405

4353	12 AWG	2	.015 Nom.	.045	.368	105
4354	7/0305	3			.400	131
4355	BC	4			.425	160
4356		5			.470	180
4357		6			.490	205
4358		7		.060	.510	230
4359		9			.625	310
4360		12			.715	395
4361		15			.780	485
4362		19			.793	606

4363	10 AWG	2	.020 Nom.	.045	.450	140
4364	7/0385	3			.470	180
4365	BC	4			.540	240
4366		5		.060	.600	310
4367		6			.665	325
4368		7			.680	370
4369		9			.740	470
4370		12			.820	600

Conductor:	Stranded Bare Copper
Insulation:	PVC + Nylon (.005" Nominal)
Shield:	Aluminum/Polyester foil
Drain:	Stranded Tinned Copper
Jacket:	Black PVC
Approvals:	UL Subject 83, 1277 NEC 310,318,340,501 Class 1 Division 2 IEEE 383 70,000 BTU UL1581 Sunlight resistant, Direct Burial
Application:	General control applications Process monitoring and control systems



600V Multi Pair Overall Shielded Instrumentation Cable
Type TC UL 90°C 600V

600V / 90C Tray
Cable

Part Number	AWG Stranding	No of pairs	Insulation Thickness	Jacket Thickness	Nominal O.D.	Wweight/Mft
2626	18 AWG	2	.015 Nom.	.063	.420	95
2627	7/26	4			.485	18
4589	BC	6			.580	170
2628		8		.066	.600	205
2629		12			.725	290
2630		16			.800	363
2631		24			1.028	540
2650		36		.089	1.160	738
2651		50			1.450	984

2632	16 AWG	2	.015 Nom.	.053	.455	95
2633	7/.0192	4			.560	155
4588	BC	6		.066	.640	235
2634		8			.680	266
2635		12			.810	393
2636		16			.935	500
2637		24		.089	1.140	731
2652		36			1.300	1030
2653		50			1.590	1420

4579	14 AWG	2	.015 Nom.	.066	.240 x .325	62
4580	7/.0242	4			.325	78
4581	BC	6			.353	97
4582		8			.386	116
4583		12		.089	.417	138
4584		16			.417	151
4585		24			.450	180
4586		36		.110	.483	200
4587		50			.555	227

Color Code: Black and white - Alphanumeric print on white wire

600V Single Pair Shielded TC

2683	18 AWG	7/26	.015	.045	.280	35
2681	16 AWG	7/.0192			.300	50
4574	14 AWG	7/.0242			.330	74

Color Code: Black and white

Conductor:	Stranded Bare Copper
Insulation:	PVC + Nylon (.005" Nominal)
Shield:	Aluminum/Polyester foil
Drain:	Stranded tinned copper
Jacket:	Black PVC
Approvals:	UL Subject 83, 1277 NEC 310,318,340,501 Class 1 Division 2 IEEE 383 70,000 BTU UL1581 Sunlight resistant, Direct Burial
Application:	Process Instrumentation, control and power. Analog and digital signaling



600V Multi Pair Individual & Overall Shielded Instrumentation Cable
 Type TC UL 90°C 600V

**600V / 90C Tray
 Cable**

Part Number	AWG Stranding	No of pairs	Insulation Thickness	Jacket Thickness	Nominal O.D.	Wieght/Mft
2626	18 AWG	2	.015 Nom.	.053	.380	100
2627	7/26	4			.500	140
4589	BC	6			.622	220
2628		8		.066	.660	248
2629		12			.790	360
2630		16		.089	.920	454
2631		24			1.115	670
2650		36			1.320	950
2651		50			1.530	1254

2618	16 AWG	2	.015 Nom.	.053	.465	114
2602	7/.0192	4			.580	189
2603	BC	6		.066	.680	275
2604		8			.740	325
2605		12			.880	486
2606		16		.089	1.030	643
2608		24			1.245	930
2609		36			1.425	1328
2610		50			1.715	1755

4590	14 AWG	2	.015 Nom.	.053	570	191
4591	7/.0242	4			.650	306
4592	BC	6		.066	.730	370
4593		8			.880	572
4594		12			1.065	864
4595		16		.089	1.190	1088
4596		24			1.500	1513
4597		36			1.680	2146
4598		50			2.030	3112

Color Code: Black and white - Alphanumeric print on white wire

- Conductor:** Stranded Bare Copper
- Insulation:** PVC + Nylon (.005" Nominal)
- Shield:** Aluminum/Polyester foil
- Drain:** Stranded tinned copper
- Jacket:** Black PVC
- Approvals:** UL Subject 83, 1277
 NEC 310,318,340,501
 Class 1 Division 2
 IEEE 383 70,000 BTU
 UL1581
 Sunlight resistant, Direct Burial
- Application:** Process Instrumentation,
 control and power. Analog and
 digital signaling



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600V Multi Triad Overall Shielded Instrumentation Cable
Type TC UL 90°C 600V

**600V / 90C Tray
Cable**

Part Number	AWG Stranding	No of Triads	Insulation Thickness	Jacket Thickness	Nominal O.D.	Wieght/Mft
4610	18 AWG	2	.015 Nom.	.053	.446	83
4611	7/26	4		.066	.585	165
4612	BC	8		.066	.745	280
4613		12		.066	.940	430
4614		24		.089	1.275	765

4605	16 AWG	2	.015 Nom.	.053	.435	130
4606	7/.0192	4		.066	.630	220
4607	BC	8		.066	.855	425
4608		12		.066	1.00	585
4609		24		.089	1.340	1045

4600	14 AWG	2	.015 Nom.	.053	513	131
4601	7/.0242	4		.066	730	260
4602	BC	8		.089	979	505
4603		12		.089	1.158	723
4604		24		.089	1.562	1350

Color Code: Black, White and Red, Alphanumeric print on white conductor

600V Single Triad Shielded TC

2684	18 AWG	7/26	.015	0.045	.300	58
2682	16 AWG	7/.0192			.315	65
4578	14 AWG	7/.0242			.350	83

Color Code: Black, white and red

Conductor:	Stranded Bare Copper
Insulation:	PVC + Nylon (.005" Nominal)
Shield:	Aluminum/Polyester foil
Drain:	Stranded tinned copper
Jacket:	Black PVC
Approvals:	UL Subject 83, 1277 NEC 310,318,340,501 Class 1 Division 2 IEEE 383 70,000 BTU UL1581 Sunlight resistant, Direct Burial
Application:	Process Instrumentation, control and power. Analog and digital signaling



600V Multi Triad Individual & Overall Shielded Instrumentation Cable
 Type TC UL 90°C 600V

**600V / 90C Tray
 Cable**

Part Number	AWG Stranding	No of Triads	Insulation Thickness	Jacket Thickness	Nominal O.D.	Wieght/Mft Nom.
4621	18 AWG	2	.015 Nom.	.053	.500	93
2656	7/26	4		.066	.597	190
2657	BC	8		.089	.759	325
2658		12		.970	495	
2659		24		1.325	890	

4620	16 AWG	2	.015 Nom.	.053	.451	150
2660	7/.0192	4		.066	.650	255
2661	BC	8		.089	.888	500
2662		12		1.060	690	
2663		24		1.465	1225	

4615	14 AWG	2	.015 Nom.	.053	.519	137
4616	7/.0242	4		.066	.740	267
4617	BC	8		.089	.992	513
4618		12		1.174	731	
4619		24		1.585	1361	

Color Code: Black, White and Red, Alphanumeric print on white conductor

- Conductor:** Stranded Bare Copper
- Insulation:** PVC + Nylon (.005" Nominal)
- Shield:** Aluminum/Polyester foil
- Drain:** Stranded tinned copper
- Jacket:** Black PVC
- Approvals:** UL Subject 83, 1277
 NEC 310,318,340,501
 Class 1 Division 2
 IEEE 383 70,000 BTU
 UL1581
 Sunlight resistant, Direct Burial
- Application:** Process Instrumentation,
 control and power. Analog and digital signaling

