

ALPHA WIRE XTRA-GUARD® Flexible Data Cables



XTRA-GUARD® FLEXIBLE CABLE

Multiconductor Shielded

Specifications:

- Operating Temperature: 5°C to 105°C
- Voltage Rating: 300V
- Jacket: Slate Oil Resistant PVC
- Insulation Thickness: .010"
- Extreme flexibility in small spaces
- Continual flexing in cable tracks
- 6 million flex life cycles



Applications:

- Industrial Electronic Processing Equipment
- DataComm Connections
- Connecting Sensors and Actuators to Controllers
- Sensor and I/O Interconnects



Recommend Heat Shrink **FTI Flex**



Recommend Heat Shrink **FTI 650**

Alpha Part No.	No. of Cond.	Conductor		Nom. O.D. (in.)	100 ft. Spool		500 ft. Spool	
		AWG	Strand		MOUSER STOCK NO.	Price Per Spool	MOUSER STOCK NO.	Price Per Spool
86002CY	2	28	7/36	.174	602-86002CY-100	130.77	602-86002CY-500	517.37
86003CY	3	28	7/36	.180	602-86003CY-100	155.96	602-86003CY-500	616.20
86004CY	4	28	7/36	.190	602-86004CY-100	181.92	-	-
86005CY	5	28	7/36	.200	602-86005CY-100	212.14	602-86005CY-500	812.19
86007CY	7	28	7/36	.223	602-86007CY-100	258.74	602-86007CY-500	990.57
86012CY	12	28	7/36	.283	602-86012CY-100	422.46	602-86012CY-500	1603.94
86018CY	18	28	7/36	.282	602-86018CY-100	649.30	602-86018CY-500	2465.23
86102CY	2	26	7/34	.182	602-86102CY-100	144.01	602-86102CY-500	578.24
86103CY	3	26	7/34	.188	602-86103CY-100	174.12	602-86103CY-500	677.82
86104CY	4	26	7/34	.199	602-86104CY-100	194.71	602-86104CY-500	781.72
86105CY	5	26	7/34	.211	602-86105CY-100	235.77	602-86105CY-500	902.61
86107CY	7	26	7/34	.237	602-86107CY-100	293.63	602-86107CY-500	1114.76
86112CY	12	26	7/34	.303	602-86112CY-100	652.10	602-86112CY-500	1803.66
86118CY	18	26	7/34	.302	602-86118CY-100	695.49	602-86118CY-500	2640.68
86202CY	2	24	10/34	.192	602-86202CY-100	153.17	-	-
86203CY	3	24	10/34	.199	602-86203CY-100	187.58	602-86203CY-500	718.15
86204CY	4	24	10/34	.211	602-86204CY-100	216.12	-	-
86205CY	5	24	10/34	.225	602-86205CY-100	246.63	602-86205CY-500	936.35
86207CY	7	24	10/34	.253	602-86207CY-100	352.61	602-86207CY-500	1350.06
86212CY	12	24	10/34	.327	602-86212CY-100	502.01	602-86212CY-500	1998.78
86218CY	18	24	10/34	.327	-	-	602-86218CY-500	2753.85
86302CY	2	22	19/34	.208	-	-	602-86302CY-500	636.45
86303CY	3	22	19/34	.217	602-86303CY-100	197.68	602-86303CY-500	788.63
86304CY	4	22	19/34	.231	602-86304CY-100	238.87	602-86304CY-500	914.52
86305CY	5	22	19/34	.247	602-86305CY-100	277.76	602-86305CY-500	1059.88
86307CY	7	22	19/34	.280	602-86307CY-100	372.56	602-86307CY-500	1497.76
86312CY	12	22	19/34	.367	602-86312CY-100	561.85	602-86312CY-500	2237.26
86318CY	18	22	19/34	.367	602-86318CY-100	796.16	602-86318CY-500	3099.43

XTRA-GUARD® HIGH-FLEX MINI DIAMETER CABLE

Multipair Shielded

Specifications:

- Operating Temperature: -10°C to 105°C
- Voltage Rating: 300V
- Jacket: Slate Oil Resistant PVC
- Insulation Thickness: .010"
- Extreme flexibility in small spaces
- Continual flexing in cable tracks
- 6 million flex life cycles



Applications:

- Industrial Electronic Processing Equipment
- DataComm Connections
- Connecting Sensors and Actuators to Controllers
- Sensor and I/O Interconnects



Recommend Heat Shrink **FTI Flex**



Recommend Heat Shrink **FTI 650**

Alpha Part No.	No. of Pairs	Conductor		Nom. O.D. (in.)	100 ft. Spool		500 ft. Spool	
		AWG	Strand		MOUSER STOCK NO.	Price Per Spool	MOUSER STOCK NO.	Price Per Spool
86401CY	1	28	7/36	.186	602-86401CY-100	153.80	602-86401CY-500	571.99
86402CY	2	28	7/36	.231	602-86402CY-100	187.98	602-86402CY-500	626.19
86403CY	3	28	7/36	.240	602-86403CY-100	225.48	602-86403CY-500	796.65
86404CY	4	28	7/36	.256	602-86404CY-100	236.99	602-86404CY-500	922.53
86405CY	5	28	7/36	.274	602-86405CY-100	280.77	-	-
86406CY	6	28	7/36	.293	602-86406CY-100	324.77	602-86406CY-500	1147.50
86408CY	8	28	7/36	.331	602-86408CY-100	360.34	602-86408CY-500	1310.49
86410CY	10	28	7/36	.365	602-86410CY-100	601.03	602-86410CY-500	1853.37
86501CY	1	26	7/34	.194	602-86501CY-100	174.10	602-86501CY-500	586.07
86502CY	2	26	7/34	.244	602-86502CY-100	215.82	602-86502CY-500	806.43
86503CY	3	26	7/34	.254	602-86503CY-100	229.36	602-86503CY-500	827.62
86504CY	4	26	7/34	.272	602-86504CY-100	283.78	602-86504CY-500	945.22
86505CY	5	26	7/34	.292	-	-	602-86505CY-500	1085.34
86506CY	6	26	7/34	.313	602-86506CY-100	374.86	602-86506CY-500	1335.09
86508CY	8	26	7/34	.355	602-86508CY-100	438.84	602-86508CY-500	1680.15
86510CY	10	26	7/34	.392	602-86510CY-100	589.93	602-86510CY-500	2181.81
86601CY	1	24	10/34	.204	602-86601CY-100	174.68	602-86601CY-500	649.65
86602CY	2	24	10/34	.260	602-86602CY-100	233.03	602-86602CY-500	866.69
86603CY	3	24	10/34	.272	602-86603CY-100	340.55	602-86603CY-500	1043.33
86604CY	4	24	10/34	.292	602-86604CY-100	313.24	602-86604CY-500	1164.96
86605CY	5	24	10/34	.314	602-86605CY-100	347.90	602-86605CY-500	1158.81
86606CY	6	24	10/34	.337	602-86606CY-100	399.33	602-86606CY-500	1330.09
86608CY	8	24	10/34	.385	602-86608CY-100	471.65	602-86608CY-500	1570.99
86610CY	10	24	10/34	.427	-	-	602-86610CY-500	2290.23
86701CY	1	22	19/34	.220	602-86701CY-100	182.45	602-86701CY-500	648.22
86702CY	2	22	19/34	.287	602-86702CY-100	259.91	602-86702CY-500	982.75
86703CY	3	22	19/34	.301	602-86703CY-100	287.38	602-86703CY-500	1020.96
86704CY	4	22	19/34	.324	602-86704CY-100	357.32	602-86704CY-500	1328.93
86705CY	5	22	19/34	.350	602-86705CY-100	399.95	602-86705CY-500	1376.63
86706CY	6	22	19/34	.377	602-86706CY-100	466.40	602-86706CY-500	1553.50
86708CY	8	22	19/34	.443	602-86708CY-100	571.37	602-86708CY-500	1903.17
86710CY	10	22	19/34	.497	602-86710CY-100	709.80	602-86710CY-500	2364.21

Alpha Wire Wire & Cable

XTRA-GUARD® 2 MULTICONDUCTOR, SHIELDED

Specifications:

- Operating Temperature: -20°C to +90°C
- Voltage Rating: 300V
- Jacket: Specially formulated Polyurethane
- Insulation Thickness: .017"
- Unmatched resistance to Oils, Fuels, Solvents, and Water
- Twice the tensile strength of PVC
- Three times the tear and abrasion resistance of PVC
- Extraordinary fungus resistance
- Stranded Tinned Copper

Applications:

- Automotive Assembly Plant Operations
- CNC Machine Centers
- Military Ground Support Systems
- Packing Machinery
- Petrochemical Plant Operations
- Geophysical Exploration Equipment



Recommend Heat Shrink **FTI 750**

XTRA-GUARD® 2 MULTICONDUCTOR, SUPRASHIELD®

Specifications:

- Operating Temperature: -30°C to 90°C
- Voltage Rating: 300V
- Jacket: Specially formulated Polyurethane
- Unmatched resistance to Oils, Fuels, Solvents, and Water
- Twice the tensile strength of PVC
- Three times the tear and abrasion resistance of PVC
- Stranded Tinned Copper
- SUPRASHIELD® - Twice as effective as Foil Shielding



Applications:

- Automotive Assembly Plant Operations
- CNC Machine Centers
- Packing Machinery
- Petrochemical Plant Operations
- Geophysical Exploration Equipment



Recommend Heat Shrink **FTI 750**

Alpha Part No.	No. of Cond.	Conductor		Nom. O.D. (in.)	100 ft. Spool		500 ft. Spool	
		AWG	Strand		MOUSER STOCK NO.	Price Per Spool	MOUSER STOCK NO.	Price Per Spool
Insulation Thickness: 0.010"								
25114	4	24	7/32	.203	602-25114-500	2393.19	602-25114-1000	3988.40
25120/15	10	24	7/32	.300	602-25120/15-500	5728.15	602-25120/15-1000	9546.55
Insulation Thickness: 0.016"								
25153	3	20	7/28	.247	602-25153-500	2757.64	602-25153-1000	4595.88
25154	4	20	7/28	.266	602-25154-500	3124.45	602-25154-1000	5226.89
25168	8	18	16/30	.360	602-25168-500	6910.25	602-25168-1000	11516.55
25170	10	18	16/30	.412	602-25170-500	9311.00	602-25170-1000	15517.81
Insulation Thickness: 0.032" 600V UL AWM 20952 CSA AWM I A/B II A/B FT1								
25534	4	16	19/0117	.456	602-25534-500	6962.43	602-25534-1000	11603.69
25544	4	14	41/30	.492	602-25544-500	8789.66	602-25544-1000	14648.82

XTRA-GUARD® 2 MULTICONDUCTOR, FOIL SHIELDED

Specifications:

- Operating Temperature: -30°C to 90°C
- Voltage Rating: 300V
- Jacket: Specially formulated Polyurethane
- Unmatched resistance to Oils, Fuels, Solvents, and Water
- Twice the tensile strength of PVC
- Three times the tear and abrasion resistance of PVC
- Extraordinary fungus resistance
- Stranded Tinned Copper

Applications:

- Automotive Assembly Plant Operations
- CNC Machine Centers
- Military Ground Support Systems
- Packing Machinery
- Petrochemical Plant Operations
- Geophysical Exploration Equipment



Recommend Heat Shrink **FTI 750**

Alpha Part No.	No. of Cond.	Conductor		Nom. O.D. (in.)	100 ft. Spool		500 ft. Spool	
		AWG	Strand		MOUSER STOCK NO.	Price Per Spool	MOUSER STOCK NO.	Price Per Spool
Insulation Thickness: 0.010"								
25092	2	24	7/32	.160	602-25092-500	1344.20	602-25092-1000	2240.08
25093	3	24	7/32	.167	602-25093-500	1387.05	602-25093-1000	2311.26
25100	10	24	7/32	.248	-	-	602-25100-1000	4863.61
25196	6	22	7/30	.223	602-25196-500	2448.57	602-25196-1000	4080.67
Insulation Thickness: 0.016"								
25464	4	20	7/28	.242	-	-	602-25464-1000	3294.11
25468	8	20	7/28	.306	602-25468-500	3239.74	602-25468-1000	5399.41
25382	2	18	16/30	.230	602-25382-500	1664.78	602-25382-1000	2774.62
25384	4	18	16/30	.263	602-25384-500	2581.26	602-25384-1000	4403.34
25388	8	18	16/30	.336	602-25388-500	4894.53	602-25388-1000	8157.14
25362	2	16	19/0117	.254	602-25362-500	2228.90	6	