

# ALPHA WIRE Coaxial and Audio Video Cable

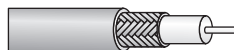


## AlphaWire COAXIAL CABLE

RoHS Compliant This product is RoHS compliant.

### Polyethylene Dielectric Flexible RG-Type

• Non-Plenum



Recommend Heat Shrink  
**FTI321**  
Recommend Heat Shrink  
**FTI221**



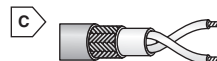
RoHS Compliant

Alpha Part No.	RG Type	AWG	Strand	Nom. O.D. (in.)	MOUSER STOCK NO.	100' Spool		500' Spool		MOUSER STOCK NO.	1000' Spool		
						1	5	1	5		1	5	
9804C	6/U	18	Solid	.270	-----	----	----	----	----	602-9804C-1000	457.56	444.10	
9008A	8A/U	13	7/21	.405	-----	----	----	602-9008A-500	956.20	928.89	602-9008A-1000	1405.22	1363.90
9008	8/U	13	7/21	.405	602-9008-100	172.99	157.68	602-9008-500	723.98	703.29	-----	-----	
9848	58/U	18	Solid	.195	-----	----	----	-----	----	-----	602-9848-1000	517.23	502.02
9011	11/U	18	7/26	.405	-----	----	----	602-9011-500	792.84	770.19	602-9011-1000	1271.95	1234.53
9011A	11A/U	18	7/26	.405	-----	----	----	602-9011A-500	1238.22	1202.84	602-9011A-1000	1911.32	1855.10
9847	11/U	14	Solid	.405	602-9847-100	175.09	161.27	-----	----	-----	602-9847-1000	952.09	924.08
9059B	59B/U	23	Solid	.242	602-9059B-100	147.92	136.23	602-9059B-500	372.49	361.85	602-9059B-1000	590.59	573.21
9840	59/U	22	Solid	.242	-----	----	----	-----	----	-----	602-9840-1000	239.96	232.90
9214	214/U	13	7/.0296	.432	-----	----	----	-----	5199.25	5050.70	602-9214-1000	7841.93	7611.29
9217	217/U	10	Solid	.545	602-9217-100	810.83	746.81	602-9217-500	3403.58	3306.34	602-9217-1000	4760.94	4620.91

### TFE Teflon® Dielectric Cable

Alpha Part No.	Description	RG Type	AWG	Strand	Nom. O.D. (in.)	MOUSER STOCK NO.	100' Spool		MOUSER STOCK NO.	1000' Spool	
							1	5		1	5
9178B	Fluorinated Ethylene-Propylene, Natural	178B/U	30	7/38	.071	602-9178B-100	301.82	277.99	-----	----	-----
9179B	Tint Fluorinated Ethylene-Propylene, Brown	179B/U	30	7/38	.100	602-9179B-100	314.74	281.61	602-9179B-1000	1252.82	1215.97
9180B	Fluorinated Ethylene-Propylene, Natural	180B/U	30	7/38	.140	-----	----	----	602-9180B-1000	2815.71	2732.90
9196A	Tetrafluoroethylene, White	196A/U	30	7/38	.076	-----	----	----	602-9196A-1000	1261.74	1224.64
9187A	Tetrafluoroethylene, White	187A/U	30	7/38	.105	-----	----	----	602-9187A-1000	2027.68	1968.04
9188A	Tetrafluoroethylene, White	188A/U	25	7/.0067	.106	602-9188A-100	397.30	365.93	602-9188A-1000	2117.61	2055.32

## AlphaWire LOCAL AREA NETWORK COAXIAL CABLE



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Alpha Part No.	Fig.	RG Type	Material	AWG	Strand	Nom. O.D.	MOUSER STOCK NO.	500' Spool		MOUSER STOCK NO.	1000' Spool	
								1	5		1	5
9858	A	58 C/U	Tinned Copper	20	19/.0071	0.193	602-9858-500	527.40	517.63	602-9858-1000	799.01	775.50
9851C	B	Ethernet	Tinned Copper	.0855"	Solid	0.405	-----	----	----	602-9851C-1000	1072.26	1040.72
9888C	C	Appletalk	Tinned Copper	22	7/30	0.185	-----	----	----	602-9888C-1000	711.12	690.19

## AlphaWire MICROPHONE CABLES

### Specifications:

- Conductor: Stranded Tinned Copper
- Jacket: Gray PVC
- Voltage Rating: 3500V (1703), 1000V (1710)
- Insulation: Polyethylene
- Operating Temperature: -20°C to 60°C
- Shields: Braided Tinned Copper



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Alpha Part No.	No. of Cond.	Conductor		Nom O.D. (in.)	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
		AWG	Strand							
1703	1	24	10/34	.15	602-1703-100	88.83	602-1703-500	322.08	602-1703-1000	597.70
1710	2	22	19/34	.23	602-1710-100	138.96	602-1710-500	554.08	602-1710-1000	839.24

### Specifications:

- Conductor: Stranded Tinned Copper
- Jacket: Black Rubber (1448/20), Black Neoprene (1448/18)
- Shields: Braided Tinned Copper (85% Coverage)
- Insulation: Rubber
- Operating Temperature: -20°C to 60°C

1448/20	2	20	26/34	.26	-----	----	----	----	602-1448/20-1000	919.71
1448/18	2	18	41/34	.29	-----	----	----	----	602-1448/18-1000	1338.75

## AlphaWire AUDIO VIDEO MULTICONDUCTOR CABLE

### Specifications:

- UL Type CM, CSA CMG FT4
- Insulation: Color Coded PVC (2465C), Polypropylene (2464C)
- Jacket: Gray PVC
- Voltage Rating: 300V
- Black and Red Shielded
- White and Green Unshielded



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RoHS Compliant

Alpha Part No.	No. of Cond.	Conductor		Nom O.D. (in.)	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
		AWG	Strand							
2464C	4	22	7/30	.16	602-2464-100	112.67	602-2464-500	321.17	602-2464-1000	451.73
2465C	4	20	7/28	.23	602-2465-100	152.81	602-2465-500	501.44	602-2465-1000	936.56

## AlphaWire VIDEO COAXIAL CABLE - 75Ω

• 100% Sweep Test @ 5 to 300 MHz



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Alpha Part No.	Coverage	AWG	Strand	Shield Material	Dielectric Dia.	Nom O.D. (in.)	Jacket	Conductor	MOUSER STOCK NO.	Price Per 1000' Spool
9807	99%	20	Solid	Double TC Braid	0.200"	.304	Black Solid Polyethylene	Bare Copper	602-9807-1000	789.57
9808	98%	20	Solid	Double TC Braid	0.200"	.304	Clear Solid Polyethylene	Bare Copper	602-9808-1000	151.07
9810	100%	23	7/30	A/P/A Plus TC Braid	0.146"	.220	Black Solid Polyethylene	Compacted Bare Copper	602-9810-1000	756.72

