50 Ohm Transmission and Computer Cable

RG-188A/U, RG-174/U and RG-58/U Type

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials 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/ 100m
RG-174/U Type • 26 AWG Stranded (7x34) .019″ Bare Copper-covered Steel Conductor • Tinned Copper Braid Shield (90% Coverage)																			
Polyethylene Insulation • Black PVC Jacket																			
UL AWM Style 1354 (30V 75°C)	**8216**	—	100 500 1000 ††	30.5 152.4 304.8	1.1 5.0 9.0	.5 2.3 4.1	26 AWG (7x34) .019″ BCCS 97.0Ω/M′ 318.2Ω/km	.060	1.52	TC Braid 90% Shield Coverage 10.7Ω/M′ 35.1Ω/km	.110	2.79	50	66%	30.8	101.0	1 10 50 100 200 400 700 900 1000	1.9 3.3 5.8 8.4 12.5 19.0 27.0 31.0 34.0	6.2 10.8 19.0 27.6 41.0 62.3 88.6 101.7 111.5
RG-188A/U Type • 26 AWG Stranded (7x34) .020″ Silver-plated Copper-covered Steel Conductor • SPC Braid Shield (96% Coverage)																			
TFE Teflon® Insulation • White TFE Tape Jacket																			
200°C VW-1 MIL-C-17D	**83269**	—	100 † 500 † 1000 †	30.5 152.4 304.8	2.0 6.5 12.0	.9 2.9 5.5	26 AWG (7x34) .020″ SCCCS 91.2Ω/M′ 299.2Ω/km	.058	1.47	SPC Braid 96% Shield Coverage 8.5Ω/M′ 27.9Ω/km	.098	2.49	50	69.5%	29.0	95.1	1 10 50 100 200 400 700 900 1000	1.2 2.7 5.6 8.3 12.0 17.5 23.7 27.3 29.0	3.9 8.9 18.4 27.2 39.4 57.4 77.8 89.6 95.1
RG-58/U Type • 20 AWG Solid .033″ Bare Copper Conductor • Bare Copper Braid Shield (78% Coverage)																			
Polyethylene Insulation • Black PVC Jacket																			
80°C	**9201**	—	U-500 500 U-1000 1000	U-152.4 152.4 U-304.8 304.8	13.0 11.5 25.0 23.0	5.9 5.2 11.4 10.4	20 AWG (solid) .033″ BC 10.0Ω/M′ 33.1Ω/km	.116	2.95	BC Braid 78% Shield Coverage 5.5Ω/M′ 18.0Ω/km	.193	4.90	51.5	66%	28.5	93.5	1 10 50 100 200 400 700 900 1000	.3 1.1 2.5 3.8 5.6 8.4 11.7 13.7 14.5	1.1 3.6 8.2 12.5 18.4 27.6 38.4 44.9 47.6
RG-58/U Type • 20 AWG Solid .033″ Bare Copper Conductor • Duobond® II + Tinned Copper Braid Shield (55% Coverage)																			
Polyethylene Insulation • Black PVC Jacket																			
UL AWM Style 1354 (30V 60°C)	**9310****	—	500 U-1000 1000	152.4 U-304.8 304.8	10.5 22.0 21.0	4.8 10.0 9.5	20 AWG (solid) .033″ BC 9.4Ω/M′ 28.6Ω/km	.114	2.90	Duobond II* + 55% TC Braid 8.0Ω/M′ 24.4Ω/km	.193	4.90	50	66%	30.8	101.0	1 10 50 100 200 400 700 900 1000	.5 1.4 2.8 3.8 5.4 7.9 11.1 12.8 13.9	1.5 4.6 9.2 12.5 17.7 25.9 36.4 42.0 45.6

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance • SCCCS = Silver-coated Copper-covered Steel • SPC = Silver-plated Copper • TC = Tinned Copper • TFE = Tetra Fluoroethylene

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

*Duobond II = Bonded Duofoil® (100% coverage) + aluminum braid (67% coverage).
**See Belden's website, www.belden.com, for connector information.
†May contain more than one piece, min. length of any one piece is 25 ft.
††May contain more than one piece, min. length of any one piece is 100 ft. Length may vary ±10% from length shown.

Teflon is a DuPont trademark.

50 Ohm Transmission and Computer Cable

RG-58A/U Type

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials 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/ 100m
RG-58A/U Type • 20 AWG Stranded (19x32) .037″ Tinned Copper Conductor • Tinned Copper Braid Shield (96% Coverage)																			
Foam Polyethylene Insulation • Black or White PVC Jacket																			
UL AWM Style 1354 (30V 80°C)	**8219**	NEC: CM CEC: CM	U-500 500▲ U-1000▲ 1000	U-152.4 152.4 U-304.8 304.8	13.5 13.0 27.0 26.0	6.1 6.0 12.3 11.8	20 AWG (19x32) .037″ TC 8.8Ω/M′ 28.9Ω/km	.114	2.90	TC Braid 96% Shield Coverage 4.1Ω/M′ 13.4Ω/km	.194	4.93	53.5	73%	26.5	86.9	1 10 50 100 200 400 700 900 1000	.4 1.3 3.1 4.5 6.6 10.0 14.2 16.6 18.1	1.2 4.3 10.2 14.8 21.7 32.8 46.6 54.5 59.4
P-MSHA • SC-182/5** ▲500 ft. and U-1000 ft. put-ups available in Black only. Black jacket suitable for Aerial (when supported by a messenger) and Outdoor applications.																			
RG-58A/U Type • 20 AWG Stranded (19x32) .037″ Tinned Copper Conductor • Duobond® II* + Tinned Copper Braid Shield (55% Coverage)																			
Foam Polyethylene Insulation • Black PVC Jacket																			
UL AWM Style 1354 (30V 80°C)	**9311****	NEC: CM CEC: CM	500 U-1000 1000	152.4 U-304.8 304.8	10.5 23.0 21.0	4.8 10.5 9.5	20 AWG (19x32) .037″ TC 8.8Ω/M′ 28.9Ω/km	.114	2.90	Duobond II* + 55% TC Braid 17.0Ω/M′ 55.8Ω/km	.193	4.90	52	75%	26.0	85.3	1 10 50 100 200 400 700 900 1000	.5 1.5 2.9 4.0 5.7 8.5 12.2 14.5 15.8	1.6 4.9 9.5 13.1 18.7 27.9 40.0 47.6 51.8
RG-58A/U Type • 20 AWG Stranded (19x33) .035″ Tinned Copper Conductor • Tinned Copper Braid Shield (95% Coverage)																			
Polyethylene Insulation • Black PVC Jacket																			
75°C	**8259**	—	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	3.5 13.5 13.5 25.0 26.0	1.6 6.1 6.1 11.3 11.8	20 AWG (19x33) .035″ TC 10.8Ω/M′ 35.4Ω/km	.116	2.95	TC Braid 95% Shield Coverage 4.1Ω/M′ 13.4Ω/km	.192	4.88	50	66%	30.8	101.0	1 10 50 100 200 400 700 900 1000	.4 1.5 3.7 5.4 8.1 12.4 17.7 21.1 22.8	1.4 4.9 12.1 17.7 26.6 40.7 58.1 69.2 74.8
Suitable for Aerial (when supported by a messenger) and Outdoor applications.																			
RG-58A/U Type • 20 AWG Solid Bare Copper Conductor • Tinned Copper Braid Shield (95% Coverage)																			
Polyethylene Insulation • Black PVC Jacket																			
UL AWM Style 1354 (30V 80°C) VW-1	**8240**	NEC: CMX CEC: CMX	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	3.6 14.0 13.0 27.0 26.0	1.6 6.4 5.9 12.3 11.8	20 AWG (solid) .033″ BC 10.0Ω/M′ 32.8Ω/km	.116	2.95	TC Braid 95% Shield Coverage 4.1Ω/M′ 13.4Ω/km	.193	4.90	51.5	66%	28.5	93.5	1 10 50 100 200 400 700 900 1000	.3 1.1 2.5 3.8 5.6 8.4 11.7 13.7 14.5	1.1 3.6 8.2 12.5 18.4 27.6 38.4 44.9 47.6
For Plenum versions of 8240, see 88240 or 82240.																			
Suitable for Aerial (when supported by a messenger) and Outdoor applications.																			
Plenum • FEP Teflon® Insulation • Black FEP Teflon Jacket																			
200°C	**88240**	NEC: CMP CEC: CMP FT6	500† 1000†	152.4 304.8	12.0 24.0	5.4 10.9	20 AWG (solid) .032″ BC 10.2Ω/M′ 33.5Ω/km	.107	2.72	TC Braid 95% Shield Coverage 6.7Ω/M′ 22.0Ω/km	.159	4.04	53.5	69.5%	26.4	86.6	1 10 50 100 200 400 700 900 1000	.5 1.2 3.0 4.3 6.4 9.7 13.7 16.1 17.3	1.6 3.9 9.8 14.2 21.0 31.7 45.0 52.8 56.6
Plenum • FEP Teflon Insulation • Natural Flamarrest® Jacket																			
75°C	**82240**	NEC: CMP CEC: CMP FT6	U-500† U-1000† 1000†	U-152.4 U-304.8 304.8	13.5 26.0 24.0	6.1 11.8 10.9	20 AWG (solid) .032″ BC 10.2Ω/M′ 33.5Ω/km	.107	2.72	TC Braid 95% Shield Coverage 6.7Ω/M′ 22.0Ω/km	.159	4.04	53.5	69.5%	26.4	86.6	1 10 50 100 200 400 700 900 1000	.5 1.2 3.0 4.3 6.4 9.7 13.7 16.1 17.3	1.6 3.9 9.8 14.2 21.0 31.7 45.0 52.8 56.6

BC = Bare Copper • DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene • TC = Tinned Copper

*Duobond II = Bonded Duofoil® (100% coverage) + aluminum braid (67% coverage).

**Pennsylvania Department of Environmental Resource and United States Mine Safety and Health Administration certification.

†Spools and/or UnReel® cartons are one piece, but length may vary ±10% from length shown.

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotation of RG/U cables not listed.

See Belden's website, www.belden.com, for connector information.

Teflon is a DuPont trademark.

50 Ohm Transmission and Computer Cable

RG-8X and RG-8/U Type

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials 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.	dB/ 100m
RG-8X Type • 16 AWG Stranded (19x29) .058″ Bare Copper Conductor • Bare Copper Braid Shield (95% Coverage)																			
Gas-injected FPE Insulation • Black PVC Jacket																			
UL AWM Style 1354 (30V 80°C)	**9258**	NEC: CM CEC: CM	U-500 500 U-1000 1000▲	U-152.4 152.4 U-304.8 304.8	20.0 18.5 39.0 40.0	9.1 8.4 17.7 18.2	16 AWG (19x29) .058″ BC 4.3Ω/M′ 14.1Ω/km	.155	3.94	BC Braid 95% Shield Coverage 3.3Ω/M′ 10.8Ω/km	.242	6.15	50	82%	24.8	75.6	1 10 50 100 200 400 700 900 1000	.3 .9 2.1 3.1 4.5 6.6 9.1 10.7 11.2	1.0 3.0 6.9 10.2 14.8 21.7 29.9 35.1 36.7
▲1000 ft. put-up also available in White. Suitable for Outdoor and Aerial applications.																			
RG-8/U Type • 13 AWG Stranded (7x21) .085″ Bare Copper Conductor • Bare Copper Braid Shield (97% Coverage)																			
Polyethylene Insulation • Black PVC Jacket																			
75°C	**8237**	NEC: CMH CEC: CMH FT1	100 500 1000	30.5 152.4 304.8	13.6 58.0 114.0	6.2 26.3 51.7	13 AWG (7x21) .085″ BC 1.9Ω/M′ 6.2Ω/km	.285	7.24	BC Braid 97% Shield Coverage 1.2Ω/M′ 3.9Ω/km	.405	10.29	52	66%	28.5	93.5	1 10 50 100 200 400 700 900 1000 4000	.2 .6 1.3 1.9 2.8 4.2 5.9 6.9 7.4 23.2	.5 1.8 4.3 6.2 9.2 13.8 19.4 22.6 24.3 76.1
JAN-C-17A Suitable for Outdoor and Aerial applications.																			
Polyethylene Insulation • Black Non-contaminating PVC Jacket																			
UL AWM Style 1354 (30V 60°C)	**9251**	NEC: CMX CEC: CMX	500 1000	152.4 304.8	58.0 115.0	26.3 52.3	13 AWG (7x21) .085″ BC 1.9Ω/M′ 6.2Ω/km	.285	7.24	BC Braid 97% Shield Coverage 1.2Ω/M′ 3.9Ω/km	.405	10.29	52	66%	28.5	93.5	1 10 50 100 200 400 700 900 1000 4000	.2 .6 1.3 1.9 2.8 4.2 5.9 6.9 7.4 23.2	.5 1.8 4.3 6.2 9.2 13.8 19.4 22.6 24.3 76.1
MIL-C-17D																			
RG-8/U Type • 11 AWG Stranded (7x19) .108″ Bare Copper Conductor • Bare Copper Braid Shield (97% Coverage)																			
Foam Polyethylene Insulation • Black PVC Jacket																			
UL AWM Style 1354 (30V 80°C)	**8214**	NEC: CM CEC: CM	100 500 1000	30.5 152.4 304.8	14.2 61.0 121.0	6.5 27.7 55.0	11 AWG (7x19) .108″ BC 1.2Ω/M′ 3.9Ω/km	.285	7.24	BC Braid 97% Shield Coverage 1.1Ω/M′ 3.6Ω/km	.403	10.24	50	78%	26	85.3	1 10 50 100 200 400 700 900 1000 4000	.1 .5 1.2 1.7 2.6 3.9 5.6 6.5 7.0 21.5	.5 1.7 3.9 5.6 8.5 12.8 18.4 21.3 23.0 70.5
Suitable for Outdoor and Aerial applications.																			

BC = Bare Copper • DCR = DC Resistance • FPE = Foam Polyethylene • HDPE = High-density Polyethylene • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

50 Ohm Transmission and Computer Cable

RG-8/U Type

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials 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.	dB/ 100m
RG-8/U Type • 10 AWG Solid .108″ Bare Copper Conductor • Duobond® II + Tinned Copper Braid Shield (90% Coverage)																			
Semi-solid Polyethylene Insulation • Black PVC Jacket																			
Low Loss 80°C	**9913**	—	100	30.5	14.2	6.4	10 AWG (solid) .108″ BC .9Ω/M′ 3.0Ω/km	.286	7.26	Duobond II* + 90% TC Braid 1.8Ω/M′ 5.9Ω/km	.405	10.29	50	84%	24.6	80.7	1	.3	1.0
			250	76.2	31.8	14.4											10	.5	1.7
			500	152.4	57.0	25.9											50	1.0	3.3
			1000	304.8	116.0	52.6											100	1.4	4.6
											For Plenum version of 9913, see 89913.						200	1.8	6.0
																	400	2.6	8.5
																	700	3.6	11.8
																	900	4.1	13.5
																	1000	4.4	14.4
Suitable for Outdoor and Aerial applications.																	4000	9.5	31.1
Plenum • Semi-solid FEP Insulation • Black Fluorocopolymer Jacket																			
150°C	**89913**	NEC: CMP	500†	152.4	63.0	28.6	10 AWG (solid) .108″ BC .9Ω/M′ 3.0Ω/km	.295	7.49	Duobond II* + 90% TC Braid 1.8Ω/M′ 5.9Ω/km	.364	9.25	50	83%	25.0	82.0	1	.1	.3
			1000†	304.8	128.0	58.2											10	.4	1.3
		CEC: CMP FT6															50	1.0	3.3
																	100	1.6	5.2
																	200	2.3	7.5
																	400	3.4	11.1
																	700	5.0	16.4
																	900	6.0	19.7
																	1000	6.9	22.6
																	4000	17.0	55.8
RG-8/U Type • 10 AWG Stranded (7x19) .108″ Bare Copper Conductor • Duobond II + Tinned Copper Braid Shield (95% Coverage)																			
Gas-injected Foam HDPE Insulation • Matte Black Belflex® Jacket																			
Low Loss High-Flex 80°C	**9913F7**	—	100	30.5	12.5	5.7	10 AWG (7x19) .108″ BC 1.1Ω/M′ 3.7Ω/km	.285	7.24	Duobond II* + 95% TC Braid 1.8Ω/M′ 5.9Ω/km	.405	10.29	52	85%	22.5	80.7	1	.4	1.3
			250	76.2	27.8	12.6											10	.6	2.0
			500	152.4	52.5	23.8											50	1.1	3.6
			1000	304.8	104.0	47.2											100	1.5	4.9
																	200	2.0	6.6
																	400	3.0	9.8
																	700	4.0	13.1
																	900	4.7	15.4
																	1000	5.0	16.4
Suitable for Outdoor and Aerial applications.																	4000	12.1	39.7
RG-8/U Type • 10 AWG Solid .103″ Bare Copper Conductor • Duobond II + Tinned Copper Braid Shield (95% Coverage)																			
Gas-injected Foam HDPE Insulation • Black PVC Jacket																			
Low Loss UL AWM Style 1354 (30V 80°C)	**9914**	NEC: CMG	500	152.4	56.0	25.4	10 AWG (solid) .103″ BC 1.8Ω/M′ 3.9Ω/km	.285	7.24	Duobond II* + 95% TC Braid 1.1Ω/M′ 3.6Ω/km	.403	10.24	50	82%	24.8	81.4	1	.4	1.3
			1000	304.8	114.0	51.7											10	.5	1.7
		CEC: CMG FT4															50	1.0	3.3
																	100	1.4	4.6
																	200	1.8	6.0
																	400	2.6	8.5
																	700	3.6	11.8
																	900	4.1	13.5
																	1000	4.4	14.4
Suitable for Outdoor and Aerial applications.																	4000	9.9	32.5
RG-8/U Type • 10 AWG Solid .108″ Bare Copper Conductor • Duofoil® (100% Coverage) + Tinned Copper Braid Shield (90% Coverage)																			
Plenum • Foam FEP Insulation • Black Fluorocopolymer Jacket																			
Low Loss 125°C	**7733A**	NEC: CMP	500	152.4	53.5	24.3	10 AWG (solid) .108″ BC .9Ω/M′ 3.0Ω/km	.280	7.11	Duofoil + 90% TC Braid 1.8Ω/M′ 5.9Ω/km	.355	9.01	50	84%	24.2	79.4	1	.1	.3
			1000	304.8	105.0	47.7											10	.4	1.3
		CEC: CMP FT6															50	1.1	3.6
																	100	1.5	4.9
																	200	2.1	6.9
																	400	3.2	10.5
																	700	4.5	14.8
																	900	5.7	18.7
																	1000	5.9	19.4
Suitable for Outdoor and Aerial applications.																	4000	14.1	46.3

BC = Bare Copper • DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene • HDPE = High-density Polyethylene • TC = Tinned Copper

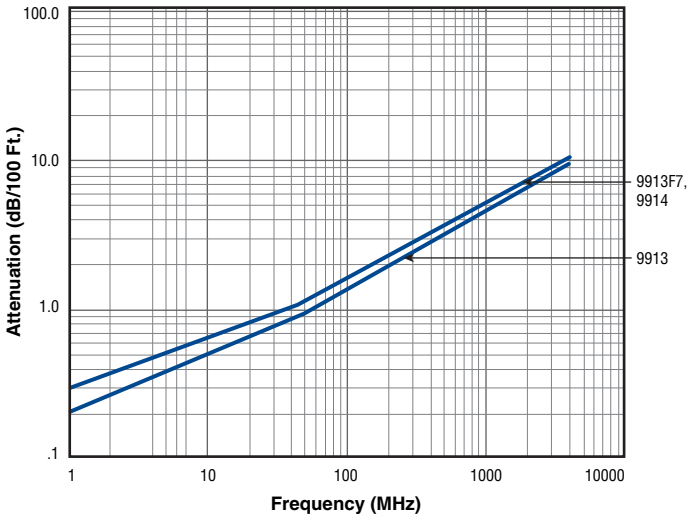
Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

*Duobond II = Bonded Duofoil (100% coverage) + aluminum braid (67% coverage).
†Spools are one piece, but length may vary ±10% from length shown.

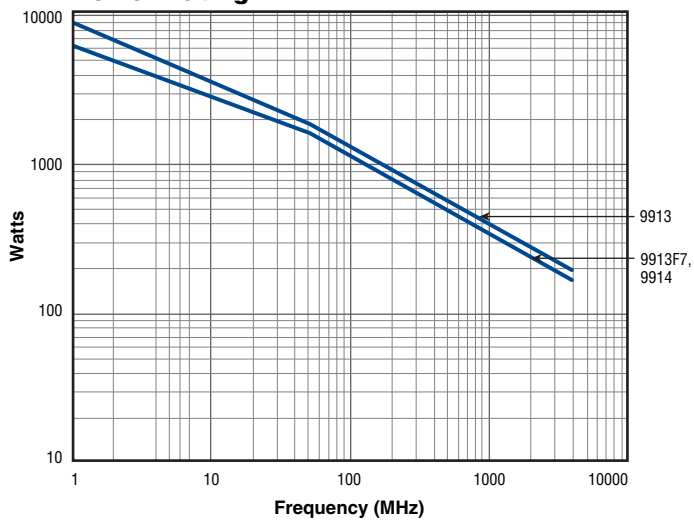
50 Ohm Transmission Cable

Electrical Characteristics of 9913, 9913F7 and 9914

Attenuation



Power Rating



LifeElectronics
Живое партнерство

ООО «ЛайфЭлектроникс» **“LifeElectronics” LLC**

ИНН 7805602321 КПП 780501001 Р/С 40702810122510004610 ФАКБ "АБСОЛЮТ БАНК" (ЗАО) в г.Санкт-Петербурге К/С 30101810900000000703 БИК 044030703

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- *Конкурентоспособные цены и скидки постоянным клиентам.*
- *Специальные условия для постоянных клиентов.*
- *Подбор аналогов.*
- *Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.*

- *Приемлемые сроки поставки, возможна ускоренная поставка.*
- *Доставку товара в любую точку России и стран СНГ.*
- *Комплексную поставку.*
- *Работу по проектам и поставку образцов.*
- *Формирование склада под заказчика.*

- *Сертификаты соответствия на поставляемую продукцию (по желанию клиента).*
- *Тестирование поставляемой продукции.*
- *Поставку компонентов, требующих военную и космическую приемку.*
- *Входной контроль качества.*
- *Наличие сертификата ISO.*

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- *Регистрацию проекта у производителя компонентов.*
- *Техническую поддержку проекта.*
- *Защиту от снятия компонента с производства.*
- *Оценку стоимости проекта по компонентам.*
- *Изготовление тестовой платы монтаж и пусконаладочные работы.*

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