

IEEE 802.3 • ISO/IEC 8802.3 10Base2 and 10Base5

Trunk Cables — Thinnet and Thicknet

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

Thinnet 10Base2 • 20 AWG Stranded (19x32) .037" Tinned Copper Conductors • Duobond® II + Tinned Copper Braid Shield (93% Coverage)

Non-Plenum • Ethernet • Foam HDPE Insulation • Gray PVC Jacket

UL AWM Style 1354 (30V 60°C)	9907	NEC: CL2, CM CEC: CM	500 U-1000 1000 1640 2500 3280	152.4 U-304.8 304.8 500.0 762.0 1000.0	12.5 25.0 25.0 41.0 62.5 82.0	5.7 11.4 11.4 18.6 28.4 37.3	20 AWG (19x32) .037"	.102 2.59	2.59	Duobond II + 93% Tinned Copper Braid 5.8Ω/M'	.185 4.70	50 80%	25.4 83.3	80%	25.4 83.3	1 10 50 100 200 400 700 900 1000	.43 1.30 2.90 4.20 6.10 8.90 12.10 13.90 14.80	1.4 4.3 9.5 13.8 20.0 29.2 39.7 45.6 48.6
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For Plenum versions of 9907, see 89907 or 82907.

DEC Part No. 17-01248-00

Plenum Ethernet • Foam FEP Insulation • Natural Flamarrest® Jacket

300V 75°C	82907	NEC: CL2P, CMP CEC: CMP	500† U-1000 1000† 2500†	152.4 U-304.8 304.8 762.0	12.5 23.0 24.0 57.5	5.7 10.9 10.9 26.1	20 AWG (19x32) .037"	.095 2.41	2.41	Duobond II + 93% Tinned Copper Braid 5.8Ω/M'	.160 4.06	50 80%	25.4 83.3	80%	25.4 83.3	1 10 50 100 200 400 700 900 1000	.43 1.30 2.90 4.20 6.10 9.20 12.90 15.00 16.00	1.4 4.3 9.5 13.8 20.0 30.2 42.3 49.2 52.5
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Plenum Ethernet • Foam FEP Insulation • Gray Fluorocopolymer Jacket

300V 150°C	89907†	NEC: CL2P, CMP CEC: CMP	500† U-1000 1000† 2500†	152.4 U-304.8 304.8 762.0	12.5 24.0 24.0 60.0	5.7 10.9 10.9 27.3	20 AWG (19x32) .037"	.095 2.41	2.41	Duobond II + 93% Tinned Copper Braid 5.8Ω/M'	.160 4.06	50 80%	25.4 83.3	80%	25.4 83.3	1 10 50 100 200 400 700 900 1000	.43 1.30 2.90 4.20 6.10 9.20 12.90 15.00 16.00	1.4 4.3 9.5 13.8 20.0 30.2 42.3 49.2 52.5
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DEC Part No. 17-01246-00

Suitable for Outdoor and Direct Burial applications.

Thicknet 10Base5 • 12 AWG Solid .086" Bare Copper Conductor • Duobond IV* Quad Shield (100% Coverage)

Non-Plenum • Ethernet • Foam Polyethylene Insulation • Yellow PVC Jacket

UL AWM Style 1478 (30V 60°C)	9880	NEC: CL2, CM CEC: CM	500 1000 1640	152.4 304.8 500.0	66.0 131.0 219.8	30.0 59.5 99.9	12 AWG (solid) .086"	.243 6.17	6.17	Duobond IV (Duobond II + 94% TC Braid + Duofoil® + 90% TC Braid) 1.52Ω/M'	.405 10.29	50 78%	26.0 85.0	78%	26.0 85.0	1 5 10 50 100 200 400 700 900 1000	.19▲ .37▲ .52▲ 1.20▲ 1.70▲ 2.55▲ 3.90▲ 5.50▲ 6.50▲ 6.90▲	.62 1.21 1.71 3.94 5.58 8.37 12.80 18.10 21.30 22.60
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For Plenum version of 9880, see 89880.

DEC Part No. 17-00451-00

Ring-band stripes marked every 2.5 meters to aid users in tap placement.

Plenum Ethernet • Foam FEP Insulation • Orange Fluorocopolymer Jacket

150°C	89880	NEC: CL2P, CMP CEC: CMP	1000† 1640†	304.8 500.0	134.0 224.7	60.9 102.1	12 AWG (solid) .086"	.245 6.22	6.22	Duobond IV (Duobond II + 94% TC Braid + Duofoil + 90% TC Braid) 1.52Ω/M'	.375 9.53	50 78%	26.0 85.0	78%	26.0 85.0	1 5 10 50 100 200 400 700 900 1000	.18 .37▲ .52▲ 1.15 1.65 2.45 3.80 5.60 6.80 7.20	.59 1.21 1.71 3.77 5.41 8.04 12.50 18.40 22.30 23.60
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DEC Part No. 17-00324-00

Suitable for Outdoor and Direct Burial applications.

Ring-band stripes marked every 2.5 meters to aid users in tap placement.

DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper

* Duobond IV = Duobond II (100% coverage) + tinned copper braid (90% coverage) + Duofoil® (100% coverage) + tinned copper braid (90% coverage).


Plenum version is Duobond II (100% coverage) + tinned copper braid (94% coverage) + Duofoil (100% coverage) + tinned copper braid (90% coverage).

† Spools are one piece, but length may vary ±10% from length shown.

▲ Maximum Attenuation

Not RoHS compliant at time of printing. Please check with Belden Technical Support for current compliance information at 1-800-BELDEN-1.

IEEE 802.4 MAP & Mini-MAP • IEEE 802.7**Broadband Coaxial Cables**

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-6/U Type • 18 AWG Solid Bare Copper-covered Steel Conductor • Duobond® IV* Quad Shield (100% Coverage)																					
Non-Plenum • Gas-injected Foam Polyethylene Insulation • Gray PVC Jacket																					
	3131A	NEC:	1000 **	304.8	41.0	18.6	18 AWG	.180	4.57	Duobond IV	.300	7.62	75	82%	16.2	53.1	1	.35	1.2		
		CL2R,	2500 †	762.2	102.5	46.5	(solid)			Quad Shield								2	.38	1.3	
		CMR					.040"			3.6Ω/M'								5	.45	1.5	
		CEC:					BCCS			11.8Ω/km								10	.59	1.9	
		CMG					28.0Ω/M'											20	.86	2.8	
							91.8Ω/km												50	1.37	4.5
																			100	1.97	6.5
																			200	2.82	9.3
																			300	3.48	11.4
																			400	4.04	13.3
Sweep tested 5 MHz to 400 MHz. CPE jacket optional.																					
Tap marks every 2.6 meters to aid users in installation.																					
Plenum • Foam FEP Insulation • Gray Fluorocopolymer Jacket																					
150°C	3132A	NEC:	1000 **	304.8	36.0	16.4	18 AWG	.170	4.32	Duobond IV	.274	6.96	75	82%	16.3	53.5	1	.36	1.2		
		CL2R,					(solid)			Quad Shield							2	.38	1.3		
		CMP					.040"			3.6Ω/M'							5	.50	1.6		
		CEC:					BCCS			11.8Ω/km							10	.65	2.1		
		CMP					28.0Ω/M'										20	.95	3.1		
							91.8Ω/km										50	1.50	4.9		
																	100	2.12	7.0		
																	200	2.99	9.8		
																	300	3.66	12.0		
																	400	4.23	13.9		
Sweep tested 5 MHz to 400 MHz.																					
Tap marks every 2.6 meters to aid users in installation. Suitable for Outdoor and Direct Burial applications.																					

BCCS = Bare Copper Covered Steel • DCR = DC Resistance


*Duobond IV Quad Shield = Duobond + 60% aluminum braid + Duofoil® + 40% aluminum braid.

†Spools are one piece, but length may vary ±10% from length shown.

**1000' exact 1 pc.

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IEEE 802.4 MAP & Mini-MAP • IEEE 802.7**Broadband Coaxial Cables**

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-11/U Type • 14 AWG Solid Bare Copper-covered Steel Conductor • Duobond IV* Quad Shield (100% Coverage)																			
Non-Plenum • Gas-injected Foam Polyethylene Insulation • Gray PVC Jacket																			
	3094A	NEC:	500 **	152.4	31.0	14.1	14 AWG	.280	7.11	Duobond IV	.407	10.34	75	82%	16.2	53.1	1	.16	.5
		CL2R,	1000 **	304.8	62.0	28.2	(solid)			Quad Shield							2	.18	.6
		CMR,	2000 †	609.6	122.0	55.3	.064"			1.5Ω/M'							5	.26	.9
		CEC:					BCCS			4.9Ω/km							10	.38	1.2
		CMG					11.0Ω/M'										20	.55	1.8
							36.1Ω/km										50	.83	2.7
																	100	1.17	3.8
																	200	1.60	5.3
																	300	1.99	6.6
																	400	2.30	7.6
Tap marks every 2.6 meters to aid users in installation.																			
Plenum • Foam FEP Insulation • Gray Fluorocopolymer Jacket																			
150°C	3095A	NEC:	1000 **	304.8	76.0	34.5	14 AWG	.280	7.11	Duobond IV	.387	9.83	75	82%	16.5	54.1	1	.17	.6
		CMP					(solid)			Quad Shield							2	.22	.7
		CEC:					.064"			3.9Ω/M'							5	.28	.9
		CMP					BCCS			12.8Ω/km							10	.40	1.3
							11.0Ω/M'										20	.60	2.0
							36.1Ω/km										50	1.20	3.9
																	100	1.70	5.6
																	200	2.50	8.2
																	300	3.04	10.0
																	400	3.50	11.5
Tap marks every 2.6 meters to aid users in installation. Suitable for Outdoor and Direct Burial applications.																			

BCCS = Bare Copper Covered Steel • DCR = DC Resistance

*Duobond IV Quad Shield = Duobond + 60% aluminum braid + Duofoil® + 40% aluminum braid.

†Spools are one piece, but length may vary ±10% from length shown.

**500' & 1000' exact 1 pc.

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