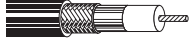


# Computer and Instrumentation Cable


## 50 Ohm Ethernet® Coax

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 Ethernet • 20 AWG Stranded (19x32) .037" Conductor • Duobond® II + Overall TC Braid Shield (93% Coverage)**

<b>Non-plenum • Foam Polyethylene Insulation • Gray PVC Jacket</b>																					
	UL AWM	<b>9907</b>	NEC:	500	152.4	12.5	5.7	20 AWG	.102	2.59	Duobond II*	.185	4.70	50	80%	25.4	83.3	1	.4	1.4	
	Style 1354		CL2	U-1000	U-304.8	24.0	10.9	(19x32)			+ 93%							10	1.3	4.3	
	(30V 60°C)		CM	1000	304.8	23.0	10.4	.037"			TC Braid							50	2.9	9.5	
			CEC:	1640	500.0	41.0	18.6	TC			5.8Ω/M'							100	4.2	13.8	
			CM	2500	762.0	62.5	28.4	8.8Ω/M'			19.0Ω/km							200	6.1	20.0	
															For Plenum versions see 89907 or 82907.				400	8.9	29.2
															700	12.1	39.7				
															900	13.9	45.6				
															1000	14.8	48.6				

RG-58A/U Type  
DEC Part No. 17-01248-00


<b>Plenum • Foam FEP Insulation • Gray Fluorocopolymer Jacket</b>																					
	150°C	<b>89907</b>	NEC:	500	152.4	11.0	5.0	20 AWG	.095	2.41	Duobond II*	.160	4.06	50	80%	25.4	83.3	1	.4	1.4	
			CMP	1000†	304.8	22.0	10.0	(19x32)			+ 93%							10	1.3	4.3	
			CL2P	2500†	762.0	60.0	27.3	.037"			TC Braid							50	2.9	9.5	
			CEC:					TC			5.8Ω/M'							100	4.2	13.7	
			CMP FT6					8.8Ω/M'			19.0Ω/km							200	6.1	20.0	
															For Non-plenum version see 9907.				400	9.2	30.2
															700	12.9	42.3				
															900	15.0	49.2				
															1000	16.0	52.5				

RG-58A/U Type  
DEC Part No. 17-01246-00. Suitable for Outdoor applications.

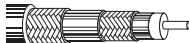
<b>Plenum • FPFA Insulation • Natural Flamarrest® Jacket</b>																					
	75°C	<b>82907</b>	NEC:	500†	152.4	11.0	5.0	20 AWG	.095	2.41	Duobond II*	.160	4.06	50	80%	25.4	83.3	1	.4	1.4	
			CMP	U-1000††	U-304.8	23.0	10.5	(19x32)			+ 93%							10	1.3	4.3	
			CL2P	1000†	304.8	22.0	10.0	.037"			TC Braid							50	2.9	9.5	
			CEC:	2500†	762.0	57.5	26.1	TC			5.8Ω/M'							100	4.2	13.7	
			CMP FT6					8.8Ω/M'			19.0Ω/km							200	6.1	20.0	
															For Non-plenum version see 9907.				400	9.2	30.2
															700	12.9	42.3				
															900	15.0	49.2				
															1000	16.0	52.5				

RG-58A/U Type

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

<b>Non-plenum • Foam Polyethylene Insulation • Yellow PVC Jacket</b>																					
	UL AWM	<b>9880</b>	NEC:	500	152.4	66.0	30.0	12 AWG	.243	6.17	Duobond IV*	.405	10.29	50	78%	26.0	85.3	1	.2	.6	
	Style 1478		CL2	1000	304.8	131.0	59.5	(solid)			(Duobond II							5	.4	1.2	
	(30V 60°C)		CM	1640	500.0	219.8	99.7	.086"			+ 94% TC Braid							10	.5	1.7	
			CEC:					BC			+ Duofoil®							50	1.2	3.9	
			CM					1.4Ω/M'			+ 90% TC Braid)							100	1.7	5.6	
															For Plenum version see 89880.				200	2.6	8.4
															400	3.9	12.8				
															700	5.5	18.1				
															900	6.5	21.3				
															1000	6.9	22.6				

DEC Part No. 17-00451-00  
Ring-band stripes marked every 2.5 meters to aid users in tap placement.

<b>Plenum • Foam FEP Insulation • Orange Fluorocopolymer Jacket</b>																					
	150°C	<b>89880</b>	NEC:	1000	304.8	134.0	60.9	12 AWG	.245	6.22	Duobond IV*	.375	9.53	50	78%	26.0	85.3	1	.2	.6	
			CL2P	1640†	500.0	224.7	102.1	(solid)			(Duobond II							5	.4	1.2	
			CMP					.086"			+ 90% TC Braid							10	.5	1.7	
			CEC:					BC			+ Duofoil							50	1.2	3.8	
			CMP FT6					1.4Ω/M'			+ 90% TC Braid)							100	1.7	5.4	
															For Plenum version see 89880.				200	2.5	8.0
															400	3.8	12.5				
															700	5.6	18.4				
															900	6.8	22.3				
															1000	7.2	23.6				

DEC Part No. 17-00324-00  
Ring-band stripes marked every 2.5 meters to aid users in tap placement.  
Suitable for Outdoor and Direct Burial applications.

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

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.  
For cable manufactured to latest government revision or other MIL-SPEC requirements, please contact your nearest Belden Regional Sales Office.

\* Duobond II = Bonded Duofoil® (100% coverage) + aluminum braid (67% coverage).  
Duobond IV = Bonded Duofoil (100% coverage) + aluminum braid (67% coverage) + Duofoil (100% coverage) + aluminum braid (46% coverage).  
† Final put-up length may vary from length shown ±10% for spools and reels, ±5% for UnReel® cartons.  
†† Length may vary -0/+10%.