

Belden Cable — Continued

1700A High Speed Ethernet and Video



- Four individually bonded twisted pairs of solid 24 AWG copper conductors
- Polyethylene insulated with adjoining pairs for excellent balanced characteristics



- Increased bandwidth enables longer length (min. 100m)
- Flame retardant jacket to **UL 1581.CSA flame test**
- To **EIA/TIA 568** and **ISO 11801** requirements, **EC verified**
- Jacket sequentially marked at 600mm intervals
- Applications high speed Ethernet and adapted video applications up to 350MHz

Nominal outer diameter	5.2mm	Type, attenuation	8.5 @ 20MHz
Nominal impedance	100Ω		10.8 @ 31.2MHz
Capacitance @ 1kHz	49.2pF/m		19.5m @ 100MHz
Velocity of propagation	70%		41.2 @ 350MHz

467

305m Boxed Reel		Price Per Boxed Reel			
Belden No.	Order Code	1+	5+	10+	25+
1700A	.961-929				

1872A Media Twist



- Unique construction giving extremely uniformed pairs for excellent signal integrity and optimised noise rejection
- 4 pair unshielded bonded twisted pair 24 AWG solid bare copper
- Integral rip cord



- Polyolefin insulated adjoined singles
- Flexible PVC jacket, marked at 2 foot intervals
- Applications, ATM, token ring, ethernet, CATV, CCTV, digital video, analogue audio

Nominal outside diameter	9.27 4.19	Capacitance @ 1kHz	49.5pF/m
Operating voltage	300V rms	Maximum capacitance unbalance	49.1pF/m
Maximum cond. DCR @ 20°C	8.5Ω/100m	Typ. Attenuation (dB/100m)	58dB @20MHz
Maximum DCR unbalance	3.0%		53dB @31.25MHz
Velocity of Propagation	70%		44dB @62.5MHz
			36dB @100MHz
			7dB @350MHz

494

305m Boxed Reel		Price Per Boxed Reel			
Belden No.	Order Code	1+	5+	10+	25+
1872A	.591-658				

1633E Category 5 FTP



- Four individually bonded twisted pairs of solid 24 AWG copper conductors
- Polyethylene insulated jacket, flame retardant to **IEC/332-1 flame test 1**



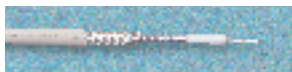
- To **EIA/TIA 568** and **ISO/IEC 11801** requirements **EC verified**
- Jacket sequentially marked at 1m intervals
- Applications suitable up to 100MHz

Nominal outer diameter	6.2mm	Type, attenuation (dB/100m)	9.2dB @ 20MHz
Nominal impedance	100Ω		11.8dB @ 31.25MHz
Conductor resistance	93.5Ω/km		17.1dB @ 62MHz
Nominal Capacitance @ 1kHz	50pF/m		22.0dB @ 100MHz

467

305m Boxed Reel		Price Per Boxed Reel			
Belden No.	Order Code	1+	5+	10+	25+
1633E	591-993				

9907 – Thin Ethernet™ Coaxial 50Ω



- Foam polyethylene insulated 20AWG (19/32AWG) tinned stranded copper conductor shielded in Duobond® II aluminium/polyester/aluminium foil which is bonded to the dielectric



- Shielded overall in tinned copper braid and sheathed overall in Grey PVC.
- | | | | |
|--------------------------|----------|-------------------------|---------------|
| Nominal outside diameter | 4.7mm | Attenuation per 100m | 1.4dB @ 1MHz |
| Nominal impedance | 50Ω | | 4.3dB @ 10MHz |
| Capacitance | 83.3pF/m | Velocity of propagation | 80% |

DEC Part No. 17-01248-00 UL Style 1354

Note: Reel length with U-prefix indicates supplied in UnReel® dispenser box.

325

Reel Length		Price Per Reel			
Belden No.	Order Code	1+	5+	10+	25+
9907	152.5m	.436-860			
	U-305m	.436-872			

9999 – Appletalk™ Twinaxial



- Twinaxial construction cable comprising Blue and White polyethylene insulated 22AWG (7/30AWG) tinned stranded copper conductors with tinned copper braid shield



- Sheathed overall in Apple Smoke Grey PVC to **UL2092 300V 60°C**.

Nominal outside diameter	4.6mm	Capacitance	67.9pF/m
Nominal impedance	78Ω	Velocity of propagation	66%

320

152.5m Reel		Price Per Reel			
Belden No.	Order Code	1+	5+	10+	25+
9999	.436-884				

9272 Twinaxial



- Twinaxial construction cable comprising Clear and Blue polyethylene insulated 20AWG (7x28AWG) tinned stranded copper conductors with tinned copper braid shield
- Overall in Blue PVC to **UL2092 300V 60°C**



Nominal outside diameter	6.2mm	Capacitance	64.6pF/m
Nominal impedance	78Ω	Velocity of propagation	66%

319

152.5m Boxed Reel		Price Per Boxed Reel			
Belden No.	Order Code	1+	5+	10+	25+
9272	.436-896				

High Performance Twinax RS-485 Applications



- **9271** Comprising Clear and Blue polyethylene 25 AWG (7/33AWG) tinned stranded conductors
- Beldfoil® aluminium/polyester foil 100% shield
- Internal drain wire
- Blue PVC jacket
- Applications high performance RS-485
- **UL Style 2092**



- **9860** Comprising Clear and Blue foam polyethylene 16 AWG (16/0.051inch) tinned stranded conductors
- Duofoil® + 90% tinned copper braid 100% shield
- Integral drain wire
- Black PVC jacket
- Applications long distance high quality data transmission
- **UL Style 2448**

Belden Type No.	Nominal Outside Dia.	Velocity of Propagation	Nominal Cap.	Nominal Imp.	Order Code	(Nominal Attenuation)	
9271	6.10	66%	40pF/m	124Ω	961-760	2.0dB	0.50dB @ 1MHz
9860	11.18	78%	35pF/m	124Ω	961-772	5.6dB	2.33dB @ 10MHz
						11.8dB	5.90dB @ 50MHz
						16.4dB	9.50dB @ 100MHz
						31.5dB	20.30dB @ 400MHz

466

152.5m Reel		Price Per Reel			
Belden No.	Order Code	1+	5+	10+	25+
9271	961-760				
9860	961-772				

9696 – Two-Pair Twinaxial P.O.S



- Twisted pair conductors, solid 22AWG bare copper wire
- PVC insulated nominal outside diameter 7.52mm
- Beldfoil shielded, with additional 58% tinned copper braid screen



Characteristic impedance:	100Ω	Capacitance between conductors:	50.9pF/m
Velocity of propagation:	66%	Shield resistance:	13.8Ω/Km

443

Reel Length		Price Per Reel			
Belden No.	Order Code	1+	5+	10+	25+
9696	152.5m	.761-096			
	305m	.761-102†			

†Available until stocks are exhausted

9248 – RG6/U Type Coaxial 75Ω



- Gas injected foam polyethylene insulated 18AWG (1/1.02mm) plain solid copper conductor
- Sheathed overall in Black PVC.



- Shielded in Duofoil® aluminium/polyester/aluminium foil with overall tinned copper braid