

Belden Cable — Continued

8442 and 8444 Unshielded Multicore



- Two and four core conductors
- PVC insulated 22AWG (7/30AWG) tinned stranded copper conductors
- Sheathed overall in Grey PVC

- Applications Audio, Control and RS232C

Type No.	No. of Cores	Nominal Outside Diameter	UL Approved
8442	2	4.32mm	—
8444	4	4.7mm	2576

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



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Belden No.	Boxed Reel Length	Order Code	Price Per Boxed Reel			
			1+	5+	10+	25+
8442	U-152.5m	.436-987				
8444	U-152.5m	.436-999				

Unshielded Twisted Multipair



- Twisted pairs 22AWG (7/30AWG) tinned stranded copper conductors
- Sheathed overall in Grey PVC
- Applications Audio and Control



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Belden No.	Order Code	Price Per Reel			
		1+	5+	10+	25+
9746	.437-001				
8748	.437-013†				

†Available until stocks are exhausted

1583E-Category 5 Unshielded Twisted Multipair



- Four 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



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- Jacket sequentially marked at 1m intervals
- Applications suitable up to 100MHz

		Max. attenuation per 100m	9.2dB @ 20.00MHz	11.8dB @ 31.25MHz	17.1dB @ 62.5MHz	22.0dB @ 100.00MHz
Nominal outside diameter	5.00mm					
Nominal impedance	100Ω					
Conductor resistance	93.5Ω/km					
Nominal capacitance @1kHz	50pF/m					

Belden No.	Order Code	Price Per Boxed Reel			
		1+	5+	10+	25+
1583E	961-838				

Overall Shielded Twisted Multipair 24AWG



- Semi-rigid PVC insulated twisted pairs of 24AWG (7/32AWG) tinned stranded copper conductors
- Shielded overall in Beldfoil® aluminium-polyester foil with integral tinned copper drain wire
- Sheathed overall in Chrome PVC.



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Type No.	No. of Pairs	Overall Dia.	Nom. DC resistance/km		Nom. capacitance/metre		UL Approved
			Conductor	Shield	core/core	core/screen	
9501	1	3.96	78.7Ω	59.1Ω	131pF	243pF	2464
9502	2	5.64	78.7Ω	55.8Ω	98pF	164pF	2464
9503	3	5.89	78.7Ω	55.8Ω	98pF	164pF	2464
9504	4	6.73	78.7Ω	55.8Ω	98pF	164pF	2464
9505	5	7.34	78.7Ω	55.8Ω	98pF	164pF	2464
9506	6	7.34	78.7Ω	52.5Ω	98pF	164pF	2464
9507	7	7.47	78.7Ω	54.1Ω	98pF	164pF	2464
9508	8	8.23	78.7Ω	54.1Ω	98pF	164pF	2464
9509	9	8.48	78.7Ω	54.1Ω	98pF	164pF	2464
9515	15	10.5	78.7Ω	54.1Ω	98pF	164pF	2464
9519	19	11.4	78.7Ω	54.1Ω	98pF	164pF	2464

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

Belden No.	Boxed Reel Length	Order Code	Price Per Boxed Reel			
			1+	5+	10+	25+
9501	U-30.5m	529-199				
	U-152.5m	437-037				
	U-305m	.437-049				
9502	U-30.5m	529-205				
	U-152.5m	437-050				
	U-305m	437-062				
9503	U-30.5m	529-217				
	U-152.5m	437-074				
	U-305m	.437-086				
9504	U-30.5m	529-229				
	U-152.5m	.437-098				
	U-305m	.437-104				
9505	U-30.5m	529-230				
	U-152.5m	437-116				
	U-305m	.437-128				
9506	U-152.5m	.761-138				
9507	U-152.5m	.761-151				
9508	U-152.5m	.761-175				
9509	U-152.5m	.761-114				
	U-305m	.761-126				
9515	U-152.5m	.761-199				
9519	U-152.5m	.761-217				

22AWG Solid Conductors



- Overall shielded twisted multipair
- UL recognised cables, primarily intended for computers
- Tinned copper wire conductors
- Beldfoil® aluminium-polyester shield, provides 100% external screening
- Passes VW-1 vertical wire flame test



Type No.	Pairs	Overall Dia.	Nom. Capacitance/metre (pF/m)	
			core/core	core/screen
9305	4	6.73	115	164
9306	6	8.00	115	164

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Belden No.	Reel Length	Order Code	Price Per Reel			
			1+	5+	10+	25+
9305	152.5m	761-230				
	305m	.761-242 †				
9306	152.5m	761-254				
	305m	.761-266 †				

†Available until stocks are exhausted

9729 – Datalene® Insulated Cable



- Datalene® insulated for high speed, low distortion data handling
- Crush resistant
- Light weight
- Meets requirements of RS-422
- UL Style 2493



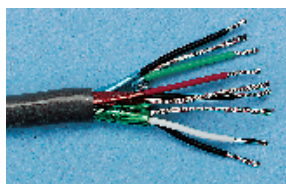
- Twisted pair individually shielded with Beldfoil® aluminium-polyester shield

Conductor resistance	78.7Ω/km	Drain wire	24AWG
Shield resistance	59.1Ω/km	Maximum conductor working voltage	300V
Impedance	100Ω nominal	Velocity of propagation	78%

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Belden No.	Order Code	Price Per Reel			
		1+	5+	10+	25+
9729	.761-400				

Multi-Pair Individually Beldfoil Shielded 22AWG (7/30) Conductors



- For use in audio pulse and radio frequency applications
- UL recognised
- Beldfoil® individually shielded twisted pair
- Overall sheathed in PVC
- Passes VW-1 vertical wire flame test



Type No.	Pairs	Radial Thickness (mm)		Diameter
		Insulation	Sheath	
8777	3	0.25	1.22	7.65
8778	6	0.25	1.22	10.57
8774	9	0.25	1.22	11.25
8775	11	0.25	1.22	12.34

Capacitance between conductors:	98pF/m	Drain wire:	22AWG (7/30)
Shield resistance:	37.1Ω/Km	Conductor resistance:	49.2Ω/Km

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