

Data Transmission Cable - continued

Single Twisted Pair (Screened) - continued

0.336mm², 0.79mm² and 0.56mm² - continued

- Applications include sound, broadcast, audio and instrumentation.
- 1 lap of polyester tape on 22AWG version
- **UL Style 2092.**

Conductor Area	Conductor Size	Nominal Outside Dia.	Impedance	Capacitance per metre	Mfrs. List No.
0.336mm ²	7/0.254mm	4.8	85Ω	65pF	H8082
0.56mm ²	7/0.32mm	5.2	70Ω	89pF	BI56762
0.79mm ²	16/0.25mm	5.8	60Ω	79pF	BI56760

Voltage Rating 300V Maximum operating temperature 60°C

208113

100m Reel

Conductor Area	Order Code	1+	5+	10+	+
0.56mm ² (20AWG)	711-330	4,144.00	3,937.00	--	--
0.79mm ² (18AWG)	711-329	4,045.00	3,843.00	3,236.00	--

500m Reel

0.56mm ² (20AWG)	305-7549	13,349.00	12,936.00	11,574.00	--
0.79mm ² (18AWG)	305-7550	16,179.00	15,370.00	13,752.00	--

Overall Screened Multicore

24 AWG - PVC Insulated



- Tinned copper conductors 24 AWG (7/32 AWG)
- PVC insulated overall
- Screened in aluminium-polyester foil providing 100% external screening

- Termination of the foil screen is by means of a stranded 24AWG tinned copper drain wire

- Applications include sound, broadcast, audio and instrumentation.
- **UL recognised as style 2464. CSA type SR PVC.**

Capacitance between conductors Up to 8 core 108pF/m
10 core plus 98pF/m

Voltage rating 300V
Max. operating temperature +80°C
Sheathed in Grey PVC

208128

No. of Cores	Nom. Dia.	Reel Length	Order Code	1+	5+	+
3	4.3	100m	716-078	3,392.00	3,053.00	--
4	4.8	100m	716-091	3,344.00	3,009.00	--
5	5	25m	716-108	1,562.00	1,406.00	--
5	5	100m	716-110	4,168.00	3,751.00	--
6	5.5	100m	716-133	5,598.00	5,038.00	--
8	5.8	25m	716-145	2,486.00	2,237.00	--
8	5.8	100m	716-157	7,470.00	6,723.00	--
10	6.4	25m	716-169	2,749.00	2,474.00	--
10	6.4	100m	716-170	7,049.00	6,344.00	--
15	7.4	25m	716-182	3,276.00	2,948.00	--
15	7.4	100m	716-194	12,873.00	11,586.00	--
25	9.1	25m	716-224	5,710.00	5,139.00	--

Overall Screened Twisted Multipair



- Twisted pair 7/0.203mm tinned copper conductors screened overall in aluminised polyester tape with integral drain wire
- Sheathed overall in Grey PVC

No. of Pairs	Overall Dia.	Impedance	Capacitance/metre	
			Core/core	Core/scrm.
2	5.71	77Ω	98pF	164pF
3	5.97	77Ω	98pF	164pF
4	6.73	77Ω	98pF	164pF
5	7.24	77Ω	98pF	164pF
6	7.49	77Ω	98pF	164pF
10	9.14	85Ω	98pF	164pF
15	10.16	85Ω	98pF	164pF

224053

No. of Pairs	Order Code	1+	5+	+
100m Reel				
2	121-9358	7,542.00	4,517.00	--
3	121-9359	9,016.00	4,952.00	--
4	120-2740	10,664.00	5,794.00	--
5	120-2742	13,460.00	9,189.00	--
6	120-2743	17,687.00	10,210.00	--
15	120-2744	22,522.00	20,803.00	--

Extended Belden Product Range

We are able to offer a comprehensive and extended product range for Belden Cable from Newark InOne. Simply search our website for the Belden product you need or call our sales hotline.

Belden Cable

8723 - Twin Twisted Pair Individually Shielded



- Individually shielded twin twisted pairs, Red/Black and Green/White polypropylene
- 22AWG (7/30AWG) tinned stranded copper wire
- Shielded in Beldfoil® aluminium/polyester foil with integral drain wire

- Pairs cabled on common axis to reduce diameter
- Sheathed overall in Grey PVC or zero halogen (NH)

Nominal outside diameter 4.06mm 203pF/m core to core + shield
Nominal Impedance 45Ω
Capacitance 115pF/m core to core Velocity of propagation 66%

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

208064

(NH) indicates zero halogen sheath

Belden No.	Reel Length	Order Code	Price Per Reel/Metre	
			1+	5+
8723	U-30.5m	118-2117	2,057.00	1,582.00
	U-152.5m	118-2081	9,566.00	8,043.00
	U-305m	118-2082	14,822.00	--
8723(NH)	U-305m	491-4569	20,757.00	20,018.00

Unshielded Twisted Pair



Nominal outside diameter 5.1mm

- Black and Red PVC insulated unshielded twisted pair of 20AWG (7/28AWG) tinned stranded copper conductors
- Sheathed overall in Chrome PVC or zero halogen (NH)
- Designed for Audio and Control system applications.

Belden Number	CSA	Nominal Outside Dia	Belden Number	CSA	Nominal Outside Dia
8205	0.5mm ²	5.1mm	8471NH	1.3mm ²	7.00mm
8205NH	0.5mm ²	5.1mm			

208078

Belden No.	Length	Order Code	1+	3+	+	+
8205	152.5m	118-2083	5,457.00	--	--	--
8205	305m	118-2084	9,801.00	--	--	--
8205NH	305m	121-8072	15,878.00	15,085.00	--	--
8471NH	305m	121-8076	28,906.00	28,328.00	--	--

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 or zero halogen (NH)

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

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

208080