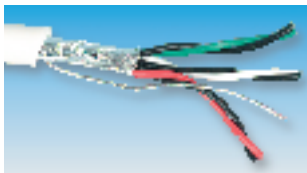


Data Transmission Cable — Continued

Overall Shielded Pairs



Overall aluminium shielded, 7/0.20mm S-R PVC insulated tinned copper conductors twisted into pairs with an overall PVC jacket. The cable has a tinned copper 7/0.20mm drain wire and is available in both 100m and 250m reels.

New

- UL Style No. 2464 300V 80°C

- Colour - Grey

No. of Pairs	Nominal Dia. (mm) ±0.2mm	Nominal Capacitance (Between Conductor)	Dielectric Strength	Rated Temperature	Conductor
1	3.90	98.40pF/m	AC 1.5KV/min	80°C	7/0.20mm (24AWG)
2	5.60	98.40pF/m	AC 1.5KV/min	80°C	7/0.20mm (24AWG)
3	5.90	98.40pF/m	AC 1.5KV/min	80°C	7/0.20mm (24AWG)
4	6.70	98.40pF/m	AC 1.5KV/min	80°C	7/0.20mm (24AWG)
5	7.50	98.40pF/m	AC 1.5KV/min	80°C	7/0.20mm (24AWG)
6	7.50	98.40pF/m	AC 1.5KV/min	80°C	7/0.20mm (24AWG)
7	7.60	98.40pF/m	AC 1.5KV/min	80°C	7/0.20mm (24AWG)
8	8.40	98.40pF/m	AC 1.5KV/min	80°C	7/0.20mm (24AWG)
9	8.65	98.40pF/m	AC 1.5KV/min	80°C	7/0.20mm (24AWG)
10	9.65	98.40pF/m	AC 1.5KV/min	80°C	7/0.20mm (24AWG)

CAB666/5I

Description	Order Code	Price Per Reel			
		1+	5+	10+	20+
1 Pair 100m	358-5876				
1 Pair 250m	358-5888				
2 Pair 100m	358-5890				
2 Pair 250m	358-5906				
3 Pair 100m	358-5918				
3 Pair 250m	358-5920				
4 Pair 100m	358-5931				
4 Pair 250m	358-5943				
5 Pair 100m	358-5955				
5 Pair 250m	358-5967				
6 Pair 100m	358-5979				
7 Pair 100m	358-5980				
8 Pair 100m	358-5992				
9 Pair 100m	358-6005				
10 Pair 100m	358-6017				

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

permanoid

No. of Pairs	Overall Dia.	Impedance	Capacitance/metre		Mftrs. List No.
			Core/core	Core/scrn.	
2	5.71	77Ω	98pF	164pF	PD1002
3	5.97	77Ω	98pF	164pF	PD1003
4	6.73	77Ω	98pF	164pF	PD1004
5	7.24	77Ω	98pF	164pF	PD1005
6	7.49	77Ω	98pF	164pF	PD1006
10	9.14	85Ω	98pF	164pF	PD1010
15	10.16	85Ω	98pF	164pF	PD1015

205

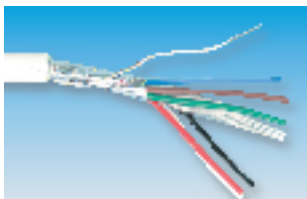
100m Reels

No. of Pairs	Order Code	Price Per Reel		
		1+	5+	10+
2	585-660			
3	585-671			
4	585-683			
5	585-695			
6	585-701			
10	585-713			
15	585-725			

500m Reels

2	585-737
3	585-749

Overall Shielded Multicore Cable



Overall aluminium shielded, 7/0.20mm S-R PVC insulated tinned copper conductors with an overall PVC jacket. The cable has a tinned copper 7/0.20mm drain wire and is available in Grey 100m reels.

New

- UL Style No. 2464 300V 80°C
- Nominal Cap. between Conductors 108.20pF/m (3 to 8 conductors), 98.40pF/m (9 to 10)
- Aluminium Foil Shield

No. of Cores	Nominal Dia. (mm) ±0.2mm	Nominal Capacitance (Between Conductor)	Dielectric Strength	Rated Temperature	Conductor
3	4.25	108.20pF/m	AC 1.5KV/min	80°C	7/0.20mm (24AWG)
4	4.82	108.20pF/m	AC 1.5KV/min	80°C	7/0.20mm (24AWG)
5	4.93	108.20pF/m	AC 1.5KV/min	80°C	7/0.20mm (24AWG)
6	5.33	108.20pF/m	AC 1.5KV/min	80°C	7/0.20mm (24AWG)
7	5.60	108.20pF/m	AC 1.5KV/min	80°C	7/0.20mm (24AWG)
8	5.85	108.20pF/m	AC 1.5KV/min	80°C	7/0.20mm (24AWG)
9	6.30	98.40pF/m	AC 1.5KV/min	80°C	7/0.20mm (24AWG)
10	6.40	98.40pF/m	AC 1.5KV/min	80°C	7/0.20mm (24AWG)

CAB667/5I

Description	Order Code	Price Per Reel			
		1+	5+	10+	20+
3 Core 100m	358-6029				
4 Core 100m	358-6030				
5 Core 100m	358-6042				
6 Core 100m	358-6054				
7 Core 100m	358-6066				
8 Core 100m	358-6078				
9 Core 100m	358-6080				
10 Core 100m	358-6091				

Belden Cable

Belden Features



● High Conductivity Copper

All Belden microphone cables utilise only HIGH CONDUCTIVITY copper produced by a process called ELECTROLYTIC TOUGH PITCH. This refining process produces a copper conductor that is 99.95% pure resulting in HIGH CONDUCTIVITY per ASTM B115. The high purity obtained is comparable to that of Oxygen Free Copper cables.

● Datalene®

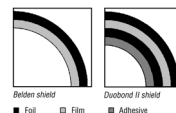
Belden's Datalene® insulation provides a low dielectric constant and dissipation factor that's well suited to high speed, low distortion data handling. Datalene® is crush resistant, lightweight, and offers good performance characteristics over a wide range of temperatures.

● Belden Shielding

Belden offers several unique features in terms of shielding.

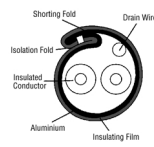
- **Beldfoil®**. The first aluminium polyester foil developed for use as a cable shield. Providing 100% shield coverage for optimum protection.

- **Duofoil®**. Consists of an aluminium-polyester-aluminium - laminate wrapped around the cable's dielectric core. Provides 100% physical coverage, and improves shield reliability and flex life.



● Z-Fold®

Belden's Z-fold is a shorting fold that provides metal to metal contact and an isolation fold prevents adjacent shields from shorting to one another. In addition the shorting fold stops the creation of a slot opening in the shield, which prevents signal ingress and egress.



● DataTwist®



DataTwist optimum performance in twisted pair manufacture.

An exact and constant spacing is maintained between the conductors.

The individual conductors of a pair are manufactured under identical mechanical pretension.

A precise axial twisting of the insulated cores is maintained over the entire cable length during manufacture. This results in outstanding electrical properties together with the highest degree of reliability in demanding installations and includes a 15 Year warranty.

Un-Reel® Box.

- Cable supplied in an easy to use cardboard dispenser box.

499