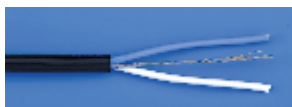


Belden Cable — Continued

1800A-AES/EBU Digital Audio



- Twisted pair 24 AWG (7/32 AWG) tinned high conductivity copper conductors
- Bonded Beldfoil® aluminium polyester shield 100% coverage
- Datalene® insulated 24 AWG integral drain wire



- Bonded jacket and shield allows simultaneous stripping, using automatic stripping tools
- Best selling digital audio cable with wide impedance tolerance from 88Ω to 132Ω
- Digital audio applications providing error free transmission over extended distances

Nominal outside diameter	4.57	Nominal Velocity of Propagation	76%
Nominal impedance	110Ω ±20%	Nominal Capacitance	82pF/m
Nominal attenuation (100m)	4.10dB @ 3mHz, 5.41dB @ 6mHz		

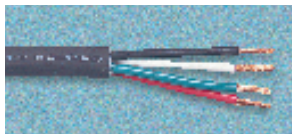
493

152.5m Reel

Belden No.	Order Code	1+	5+	10+	25+
1800A	592-225				

1810A – Brilliance® Loudspeaker Cable

ETP conductors-‘Speakon’ Compatible



- Highly flexible 4 core cable comprising PVC insulated plain multistranded
- 14AWG (104/34AWG) **ELECTROLYTIC TOUGH PITCH ETP** high conductivity copper conductors
- Cabled with fillers and paper wrap
- Shielded overall in special matt finish Black PVC.



Specially designed for use with Neutrik ‘Speakon’ loudspeaker connectors.

Nominal outside diameter	9.91mm	Colour coding	Red, Green, White, Black
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324

Belden No.	Reel Length	Order Code	1+	5+	10+
1810A	76.25m	437-190			

Coaxial Cable

RG58BU (Solid Core) RG58CU (Standed Core) 50Ω **permanoid**



- Solid polyethylene insulated 1/0.8mm copper clad steel conductor (RG58BU)
- 19/0.18mm tinned copper conductor (RG58CU)
- Braid screen
- Black PVC sheathed overall to **MIL-C17**

Nominal outside diameter	4.95mm	Maximum RF working voltage	2.5kV peak
Capacitance	100pF/m	Attenuation per 10m	1.7dB @ 100MHz
Maximum voltage	15kV dc		5.6dB @ 1000MHz

FOR DEDICATED STRIPPER SEE ORDER CODE 105-826 ON PAGE 137

63

			Price Per Reel				
50m Reels	Order Code	1+	5+	10+	15+	20+	
RG58BU	149-127						
RG58CU	297-872						
100m Reels							
RG58BU	149-128						
RG58CU	149-126						
500m Reel							
RG58CU	277-228						

RG174AU 50Ω



- Solid polyethylene insulated 7/34 AWG copper covered steel conductors
- Braid screened
- Black PVC sheathed overall to **MIL-C17**
- Use with SMB, SMC and MCX connectors, listed in **Section 4.4.**



Nominal outside diameter	2.8mm	Maximum RF working voltage	2.1kV peak
Capacitance	101pF/m	Attenuation per 10m	6.23dB @ 400MHz
Max. voltage (core to screen)	6kV dc		
(screen to sheath outer)	2.8kV dc		

67

			Price Per Reel				
Colour	Reel Length	Order Code	1+	5+	10+	15+	20+
Black	50m	585-592					
Black	100m	585-609					
Black	500m	585-610					

Micro Miniature Coaxial Cable



- Micro Miniature 50Ω
- Very small diameter <1mm
- Applications include instrumentation, medical and scientific
- White FEP sheathed overall



Impedance	50Ω	Insulation	FEP
Centre core	32 AWG stranded Silver plated alloy	Capacitance	95pF ±10pF/m
Screen	Silver plated copper lapped	Nominal outside dia	0.91mm

509

100m Reel	Price Per Reel			
Order Code	1+	5+	10+	20+
157-302				

VMTX Miniature Coaxial Cable 50Ω and 75Ω



- Suitable for high frequency operation 3GHz maximum
- Resistant to fluids used in aircraft
- Wide operating temperature range
- Very small diameter good flexibility
- White FEP sheathed overall



Temperature range	50VMTX -90°C to +200°C	75VMTX -90°C to +200°C
Impedance	50Ω	75Ω
Maximum working voltage	250V dc	250V dc
Attenuation per 100m @ 100MHz	55db	70db
Solid centre conductor silver plated copper covered steel	0.17mm	0.1mm
Nominal overall dia.	1.17mm	1.22mm
Dielectric	PTFE	PTFE
Silver plated copper braid screen		

510

100m Reel		Price Per Reel			
Mftrs List No.	Order Code	1+	5+	10+	20+
50Ω 50VMTX	.157-284				
75Ω 75VMTX	.157-296				

RG178PE 50Ω



- Low density, polyethylene spaced coaxial cable suitable for data transmission applications. Inner conductor 7/0.102mm tinned copperweld



- Tinned copper braid screened, PVC sheathed overall.

Nominal outside diameter	1.83mm	Operating temperature	80°C max
Capacitance	99pF/m	Attenuation per 10m	9.51dB @ 400MHz

68

100m Reel	Price Per Reel					
Colour	Order Code	1+	5+	10+	15+	20+
Black	.149-071					

RG179PE 75Ω



- Low density, polyethylene spaced coaxial cable suitable for data transmission applications. Inner conductor 7/0.102mm tinned copperweld. Tinned copper braid screened and Black PVC sheathed overall.



Nominal outside diameter	2.59mm	Operating temperature	80°C max
Capacitance	69pF/m	Attenuation per 10m	6.9dB @ 400MHz

69

			Price Per Reel				
Colour	Reel Length	Order Code	1+	5+	10+	15+	20+
Black	100m	.149-072					
Black	500m	277-990					

RG179BU 75Ω



- P.T.F.E. insulated 7/0.1mm (7/0.004 in.) stranded silver plated copper-clad steel conductor with silver plated copper braid screen



- Sheathed overall in transparent Brown F.E.P. (fluorinated ethylene propylene) to **MIL-C-17** requirements
- | | | | |
|--------------------------|--------------|----------------------|-------------------|
| Nominal outside diameter | 2.54mm | Attenuation per 100m | 55.76 dB @ 400MHz |
| Capacitance | 75pF/m | | |
| Max R.F. voltage | 1.2kV (peak) | | |

358

Reel Length	Order Code	1+	5+	10+	20+
25m	.612-042				
100m	.612-054				