

NP 272

Belden® Banana Peel® Projector Cables

Belden Projector Cables in a Banana Peel composite cable format, offer optimum flexibility and faster, easier installation break-outs for room-to-room Riser and Plenum Audio/Video applications.



Easy to Install, New Belden Banana Peel Projector Cables Support High Performance in Room-to-Room A/V Applications

As the demand for sophisticated multimedia systems continues to grow, so too does the need for easier-to-install composite Audio/Video Projector cables. Installers are frequently called upon to run inter-room cabling to support high-performance A/V communications systems in schools, universities, municipal buildings, houses of worship and commercial office spaces.

To meet market demand, Belden introduces its Banana Peel® Projector Cables, an innovative design combining both audio and video cable components within a single composite cable. Designed for use in modern, high-tech buildings, Banana Peel Projector Cables are extremely flexible and easy to handle, enabling installers to save time and labor by running multiple A/V cables simultaneously from room-to-room, where similarly equipped wall plates are desired in each room.

Within the composite Projector Cables, the video components include six Belden RG-59 type 75 Ohm Precision Video Mini Coax Cables (Product No. 1281R-Riser and 1282P-Plenum) for analog and digital video. Audio components include two Belden 22 AWG Shielded Twisted Pair Audio Cables featuring aluminum foil-bonded jackets for easy access to the positive, negative and shield drain wires.

Banana Peel Construction Means Faster Installation

Unlike conventional projector cables with overall jackets which are difficult to handle and add to the cables' fuel load, the new Projector Cables feature Belden's exclusive Banana Peel construction. In this design, individual cables are affixed to a central spline and are simply peeled off as needed for termination, making installation much faster and easier.

The Banana Peel construction also enables easier break-out of cables when the full bundle of eight components needs to be divided to run two smaller bundles to separate wall plates. Belden's coax cables offer true 75 Ohm impedance, are sweep-tested, and come with Return Loss assurance. In addition, the elimination of the outer jacket reduces the cables' total fuel load, making the Belden Projector Cables more suitable for in-wall and plenum use.

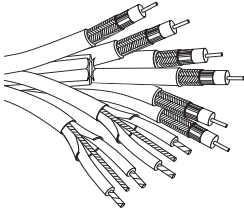
Banana Peel® Projector Cables

Inter-room Audio/Video Composites: 6 Mini Hi-res Coaxes + 2 Shielded Twisted Pairs
Riser- and Plenum-rated

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Overall Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Coax Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/100 Ft.	dB/100m

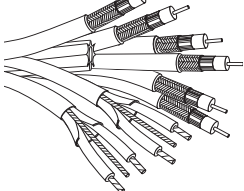
(6) Mini RG-59 Type RGB Coax (1281R Type) + (2) 22 AWG Audio Cables (5500FE Type) • (6) 25 AWG Solid Coax with Duobond® + TC Serve (95% Coverage) • (2) Jacketed 22 AWG STP Audio Cables

Insulation: Gas-Injected Foam Polyethylene (Coax) and PVC (Pairs)																				
UL 300V 75°C	5788AV <small>new</small>	NEC: CMR CEC: CMG FT4	250 1000	152.4 304.8	108.5 232.0	49.3 105.5	(6) Coax: 25 AWG (solid) .018" BC 31.8Ω/M' 104.3Ω/km	.074 Coax OD: .114	1.88 2.90	Duobond + TC Serve 95% Shield Coverage 5.4Ω/M' 17.7Ω/km	.442	11.2	75	80%	17.0	55.8	1 5 10 20 50 71	.52 1.2 1.6 2.4 3.7 4.4	1.7 3.9 5.2 7.9 12.1 14.1	
							(2) Pairs: 22 AWG (7x30) .030" TC 14.1Ω/M' 46.2Ω/km	Pair OD: Pair OD: .135	3.43	Each Pair: Beldfoil Shielded 100% Shield Coverage w/22 AWG 14.3Ω/M' 46.9Ω/km				N/A	N/A	46.0	151.0	100 135 180 200 270 400 750 1000 2250 3000	4.9 5.6 6.4 6.7 7.7 9.5 13.4 15.8 26.1 31.2	16.1 18.4 21.0 22.0 25.2 31.1 44.0 51.8 85.6 102.3



(6) Mini RG-59 Type RGB Coax (1282P Type) + (2) 22 AWG Audio Cables (6500FE Type) • (6) 25 AWG Solid Coax with Duobond® + TC Serve Shield (95% Coverage) • (2) Jacketed 22 AWG STP Audio Cables

Insulation: Low Smoke Foam Fluoropolymer (Coax) and LS-PVC (Pairs)																				
UL 300V 75°C	6788AV <small>new</small>	NEC: CMP CEC: CMP FT6	250 1000	152.4 304.8	108.5 232.0	49.3 105.5	(6) Coax: 25 AWG (solid) .018" BC 31.8Ω/M' 104.3Ω/km	.074 Coax OD: .114	1.88 2.90	Duobond + TC Serve 95% Shield Coverage 5.4Ω/M' 17.7Ω/km	.433	11.0	75	80%	17.0	55.8	1 5 10 20 50 71	.52 1.2 1.6 2.4 3.7 4.5	1.7 3.9 5.2 7.9 12.1 14.8	
							(2) Pairs: 22 AWG (7x30) .030" TC 14.1Ω/M' 46.2Ω/km	Pair OD: Pair OD: .135	3.43	Each Pair: Beldfoil Shielded 100% Shield Coverage w/22 AWG 14.3Ω/M' 46.9Ω/km				N/A	N/A	46.0	151.0	100 135 180 200 270 400 750 1000 2250 3000	4.9 5.6 6.3 6.7 7.7 9.5 13.4 15.8 23.5 31.2	16.1 18.2 21.3 22.0 25.4 31.2 44.0 51.8 77.0 102.4



BC = Bare Copper • DCR = DC Resistance • LS = Low Smoke • STP = Shielded Twisted Pairs • TC = Tinned Copper
Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1.800.BELDEN.1**. Request quotations of cables not listed.

Circuit Identification	Suitable Coax Connectors
009: White jackets (all components) with printed identification	BNC: 1B25A RCA: 1R25A
000: Coax: Red, Green, Blue, Yellow, Black, White Audio: Brown, Orange	