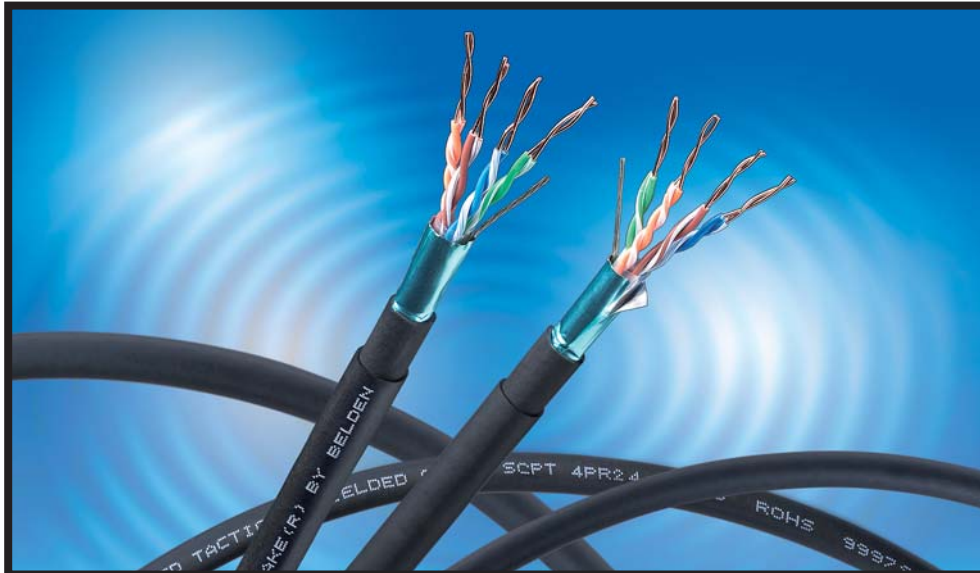


NP 119E

Belden® introduces Brilliance CatSnake™ 70005E, a shielded Cat 5e cable for use in patching Ethernet or digital audio formats.



A Belden Shielded CatSnake™ Cable for Use in Studios or in Tactical Field Deployable Audio Installations

Belden now provides broadcast professionals with a Cat 5e tested cable that offers superior performance thanks to Beldfoil® technology. Beldfoil® ensures that the shield is bonded to the jacket inner wall securing electrical stability and 100% coverage. The “invisible” matte-finish black cable also features compact round cable design for ease of transportation and deployment. It is strong, exceptionally rugged and easy to terminate – thanks to its RJ-45 compatibility.

Tactical Cat 5e: Designed for Optimum Performance

Belden based new shielded CatSnake™ 70005E on its popular Brilliance CatSnake™ 1305A unshielded Cat 5e cable. The new cable is designed to patch Ethernet or digital audio formats in high traffic areas in a broadcast studio or in any type of tactical field deployable installation.

Meeting Market Requirements

Belden CatSnake™ 70005E is ideal for use in professional broadcast applications such as TV/Radio, outside broadcasts, including news, sports and other events, sports facilities and on-stage lighting. The cable meets the requirements of the latest digital audio formats designed to run on Ethernet cables. These applications include CobraNet™, EtherSound™, and Roland's DigitalSnake™. In addition, they can be used in stage lighting control using DMX over Ethernet,

which enables the sending of multiple DMX universes of control data via a network using Cat 5 cable.

Durable and Sustainable

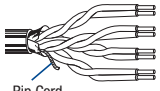
Belden shielded CatSnake™ is designed for portable applications in rugged environments. With the feel and look of a microphone cable, it will withstand repeated coiling and uncoiling during stage and live sound applications. For use in the harshest heavy-duty environments, Belden has designed an upjacketed matte-finish black PVC jacket to ensure the cable's durability and sustainability.

Belden's shielded CatSnake™ 70005E feature Beldfoil® shielded twisted pairs with 24 AWG solid bare copper conductors and polyolefin insulation and is RJ-45 compatible. Neutrik's Ethercon™ connector is used to lock the cable to the patch bay. The cable end offers a robust diecast shell as a carrier for pre-assembled RJ-45 plugs. Independent third party tests have verified that CatSnake™ 70005E meets the standards of the horizontal data networking test TIA/EIA-568-B.2 Category 5e, whilst remaining RJ-45 compatible.

Belden at Your Service

Belden offers a complete line of Brilliance® audio cables all available from a single source. All cables are featured in the new EMEA Master Catalog (section 19).

Shielded CatSnake™

De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Freq. MHz	Max. Atten. dB/100m	Min. PSUM			Input Imp. (Ω)	Min. RL dB
			ft.	m	lbs.	kg		inch	mm		inch	mm			NEXT dB	ACR dB/100m	ELFEXT dB/100m		
CatSnake™ (Mobile Cat 5e) • 24 AWG • Twisted Pair • Solid 0.5 mm Bare Copper Conductors • Overall Beldfoil® • Rip Cord																			
Upjacketed • Polyolefin Insulation • PVC Inner Jacket • Matte Black Flexible PVC Outer Jacket • Category 5e																			
	70005E		1640	500	49.50	27.00	0.51 mm 24 AWG Solid BC	0.039	1.00	Non- Bonded-Pair Overall Beldfoil®	0.295	7.50	1	2.0	62.3	60.0	60.8	100±15	20.0
 <p>Rip Cord</p>										Upjacketed O.D.:	8	5.8	48.8	43.0	42.7	100±15	24.5		
											0.260	6.60	10	6.5	47.3	41.0	40.8	100±15	25.0
													16	8.2	44.3	36.0	36.7	100±15	25.0
													20	9.3	42.8	34.0	34.7	100±15	25.0
													25	10.4	41.3	31.0	32.8	100±15	24.3
													31.25	11.7	39.9	28.0	30.9	100±15	23.6
													62.5	17.0	35.4	18.0	24.8	100±15	21.5
													100	22.0	32.3	10.3	20.8	100±15	20.1
													200	32.0	27.8	1.0	14.7	100±25	15.0

4-Pairs
EtherCon® compatible

RJ-45 Compatible
Color Code: see chart below

Jacket sequentially marked at 0.6 m intervals
Third party verified to TIA/EIA-568-B.2, Category 5e

BC = Bare Copper • DCR = DC resistance • ACR = Attenuation Crosstalk Ratio • ELFEXT = Equal Level Far-end Crosstalk • NEXT = Near-end Crosstalk • PSUM = Power Sum • RL = Return Loss

EtherCon® is a Neutrik trademark.

Color Code

Pair No.	Color
1	White/Blue Stripe, Blue
2	White/Orange Stripe, Orange
3	White/Green Stripe, Green
4	White/Brown Stripe, Brown