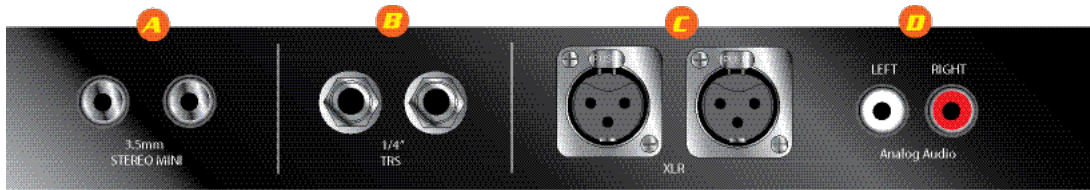


AES/EBU AUDIO CABLES - LINE LEVEL



A

3.5mm - Stereo Mini Jack or Plug
Application: Audio from computer to output - Line Level Small Size

B

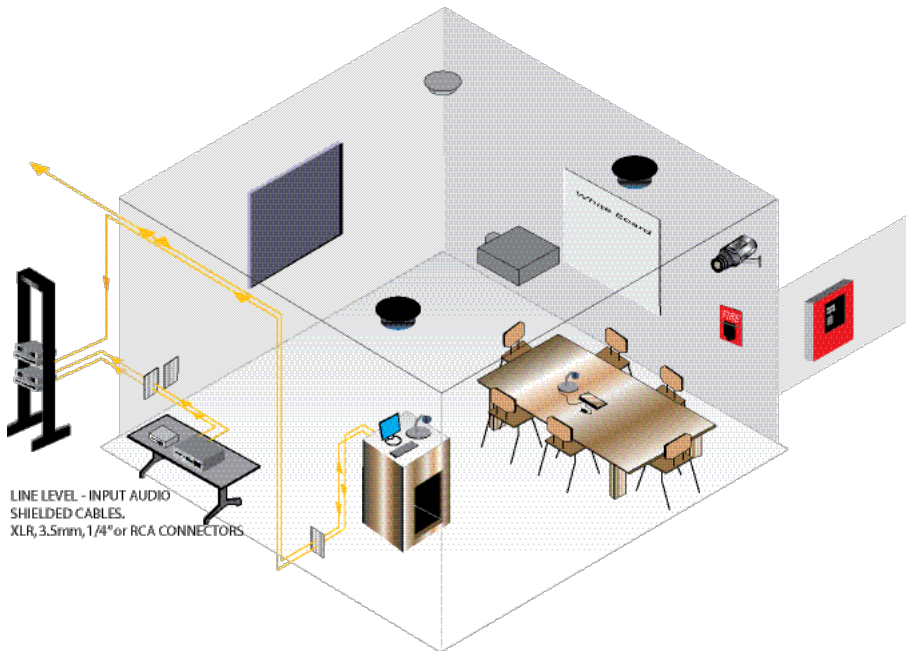
1/4" - Phone Jack or Plug
Application: Microphone inputs - Nurse Call Systems

C

XLR- 3 Pin Cannon "X" Series Latched Rubber Connector
Application: Most common audio connector used in Professional, Commercial and music.
Line level balanced audio signalling

D

RCA- Phono - Audio Style
Application: L/R stereo audio



WEST PENN WIRE

800-245-4964

www.westpenn-wpw.com

PRODUCT INDEX:

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 XLR CONNECTORS, ASSEMBLIES AND PANELS3
 SPDIF UNBALANCED DIGITAL AUDIO4
 BNC CONNECTORS AND ASSEMBLIES5

DIGITAL AUDIO

Broadcast Audio AES/EBU Digital Audio Cable



Description:

- ASTM Tinned Copper • Low Loss Foam insulation • Individually shielded 100% coverage of aluminum polyester foil with 24 AWG Std.drain wire • DA2401 shield is bonded to the jacket for ease of stripping • Twisted pair construction • Overall jacket

Rating:

- NEC Type CM
- (UL) Listed
- Meets 300V requirements as specified in the NEC

Applications:

- Indoor for:
- Pro-Audio
 - Sound Systems
 - Sound and Audio
 - Recording Studios
 - Post-Production Facilities

Standard pool size 1000ft.

| Non-Plenum - Individually Shielded Pairs + PVC Jacket | | | | | | | | | |
|---|--------------|-----------------------------|-----------------------------|-----------------------------------|-------------------------|-----------|----------|----------------------------|--------------|
| Catalog No. | No. of Pairs | Conductor Type & Nom. D.C.R | Insulation Type & Thickness | Shield & % Coverage | Jacket Type & Thickness | Nom. O.D. | NEC Type | Nom. Capacitance | Jacket Color |
| | | | Inches | | Inches | Inches | | | |
| DA2401 | 1 Pair | 24 AWG (7x32) 26 Ω/Mft | Foam PE .020 | Each Pair & Overall Al. Foil 100% | PVC .030 | .182 | CM | 12.5pf/ft* 22.5pf/ft ** | Gray |
| DA2402 | 2 Pair | 24 AWG (7x32) 26 Ω/Mft | Foam PE .020 | Each Pair & Overall Al. Foil 100% | PVC .030 | .298 | CM | 12.5pf/ft* 22.5pf/ft ** | Gray |
| DA2406 | 6 Pair | 24 AWG (7x32) 26 Ω/Mft | Foam PE .020 | Each Pair & Overall Al. Foil 100% | PVC .045 | .439 | CM | 12.5pf/ft* 22.5pf/ft ** | Gray |

Special Notes:

- Orange rip cord included on cables with 2 or more pairs.
- DA2401- available in Brown, Red, Orange, Yellow, Green, Blue, Violet, Gray, White, Black, Tan, Pink Jackets
- [Minimum order quantities may apply on select jacket colors.](#)
- PE- Polyethylene

| Color Code | | | |
|--------------|-------------|--------|--------------|
| Pair Colors | | | |
| Pair 1 | Black/Red | Pair 4 | Black/Blue |
| Pair 2 | Black/White | Pair 5 | Black/Yellow |
| Pair 3 | Black/Green | Pair 6 | Black/Brown |
| Jacket: Gray | | | |

DIGITAL AUDIO PLENUM

Broadcast Audio AES/ EBU Digital Audio Cable - Plenum Plenecon II® Extra Flex

Description:

- ASTM Tinned Copper • Low Loss Foam insulation • Individually shielded 100% coverage of aluminum polyester foil with 24 AWG Std.drain wire • Twisted pair construction • Overall Flexible plenum jacket

Rating:

- NEC Type CMP
- (UL) Listed
- Meets 300V requirements as specified in the NEC

Applications:

Indoor for:

- Pro-Audio
- Sound Systems
- Sound and Audio
- Recording Studios
- Post-Production Facilities

| Plenum - Individually Shielded Pairs + FLEXIBLE Plenum Jacket | | | | | | | | | |
|---|--------------|-----------------------------|------------------------------------|--------------------------------------|--------------------------------|------------------|------------|----------------------------|--------------|
| Catalog No. | No. of Pairs | Conductor Type & Nom. D.C.R | Insulation Type & Thickness Inches | Shield & % Coverage | Jacket Type & Thickness Inches | Nom. O.D. Inches | NEC Type | Nom. Capacitance | Jacket Color |
| DA252401 | 1 Pair | 24 AWG (7x32) 26 Ω/Mft | Foam FEP .020 | Each Pair & Overall Al. Foil 100% | Flex Plenum .018 | .141 | CMP | 12.5pf/ft* 22.5pf/ft ** | Gray |
| DA252402 | 2 Pair | 24 AWG (7x32) 26 Ω/Mft | Foam FEP .020 | Each Pair & Overall Al. Foil 100% | Flex Plenum .018 | .238 | CMP | 12.5pf/ft* 22.5pf/ft ** | Gray |
| DA252406 | 6 Pair | 24 AWG (7x32) 26 Ω/Mft | Foam FEP .020 | Each Pair & Overall Al. Foil 100% | Flex Plenum .018 | .350 | CMP | 12.5pf/ft* 22.5pf/ft ** | Gray |

* Capacitance between conductors.

** Capacitance between one conductor and the other connected to the shield

| |
|--|
| Electrical Characteristics Nom. Vel of Propagation - 78% Nom. Impedance Ω - 110Ω |
|--|

Special Notes:

- Minimum order quantities may apply on select jacket colors.
- FEP- Teflon® Trademark of Dupont

| Color Code | | | |
|--------------|-------------|--------|--------------|
| Pair Colors | | | |
| Pair 1 | Black/Red | Pair 4 | Black/Blue |
| Pair 2 | Black/White | Pair 5 | Black/Yellow |
| Pair 3 | Black/Green | Pair 6 | Black/Brown |
| Jacket: Gray | | | |

LINE LEVEL AUDIO CONNECTORS

Audio Connectors

Line Level Audio Connectors- Cable Mount

3 PIN XLR Style Connectors

| Catalog No. | Description |
|-------------|---|
| CN-NC3MXB | 3 Position XLR Male Black-Gold Contact |
| CN-NC3MXBAG | 3 Position XLR Male Black-Nickel Contact |
| CN-NC3MX | 3 Position XLR Male Nickel-Nickel Contact |
| CN-NC3FXB | 3 Position XLR Female Black-Gold Contact |
| CN-NC3FXBAG | 3 Position XLR Female Black-Nickel Contact |
| CN-NC3FX | 3 Position XLR Female Nickel-Nickel Contact |
| 44-A3F | 3 Position XLR Jack |
| 44-A3M | 3 Position XLR Plug |



Audio Assemblies

XLR Assemblies

XLR Digital Mic. Assemblies M to F

| Catalog No. | Description |
|---------------|--------------------------------------|
| CN-XPXJDIG-xx | Replace xx with: 3, 6, 10, 25, 50 |



Audio Panels - Metal Black 3 Pin XLR 19" Panels

1 RU- 3 Pin XLR Rack Panels - 6 XLR

| | |
|---------------|--|
| CN-1RUXLRM6TB | 1 RU - 6 XLR Male Terminal Block Panel |
| CN-1RUXLRF6TB | 1 RU - 6 XLR Female Terminal Block Panel |
| CN-1RUXLRM6 | 1 RU - 6 XLR Male Solder Panel |
| CN-1RUXLRF6 | 1 RU - 6 XLR Female Solder Panel |

1 RU- 3 Pin XLR Rack Panels - 12 XLR

| | |
|----------------|---|
| CN-1RUXLRM12TB | 1 RU - 12 XLR Male Terminal Block Panel |
| CN-1RUXLRF12TB | 1 RU - 12 XLR Female Terminal Block Panel |
| CN-1RUXLRM12 | 1 RU - 12 XLR Male Solder Panel |
| CN-1RUXLRF12 | 1 RU - 12 XLR Female Solder Panel |

2 RU - 3 Pin XLR Rack Panels - 24 XLR

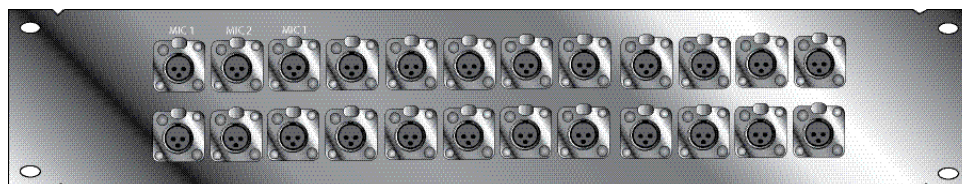
| | |
|----------------|--|
| CN-2RUXLRM24TB | 1 RU - 6 XLR Male Terminal Block Panel |
| CN-2RUXLRF24TB | 1 RU - 6 XLR Female Terminal Block Panel |
| CN-2RUXLRM24 | 1 RU - 6 XLR Male Solder Panel |
| CN-2RUXLRF24 | 1 RU - 6 XLR Female Solder Panel |

Note:

For different number of XLR connectors within 1 RU
Replace the number.

Example: For a 16 Connector XLR Male Terminal Block
CN-1RUXLRM16TB

Each Connector is Labelled



HD-SDI CABLES



Applications:

- AES3id & SPDIF Digital Audio

Broadcast Video Cable Pro-Video/ Serial Digital SDI

Standard spool size 1000ft.

| Catalog No. | NEC Type | Conductor Type & Nom. D.C.R | Insulation Type & Thickness Inches | Shielding & % Coverage | Jacket Type | Nom. O.D. Inches | Nom. Capacitance | Nom. VP | Nom. Imp. Ω | Jacket Color |
|-------------|----------|------------------------------|------------------------------------|-------------------------------------|--|--|---|---|--|--------------|
| HD825 | CMR | 25 AWG (Solid) BC 30Ω/M' | Gas Injected PE† .085 | Bifoil 100% Tinned Copper Braid 95% | PVC | .146 | 16.2 pf/ft | 82% | 75Ω | Black |
| | | | | | Connector Type 75Ω 3 Pc. Crimp BNC 75Ω Compression BNC | Connectors CN-BM74-18 CN-DB15BNCHD | Strip Tool TL-KLEIN or TL-825 TL-CSST | Crimp/Comp Tool TL-105 TL-CPLRBC | | |
| HD25825 | CMP | 25 AWG (Solid) BC 30Ω/M' | Foam FEP .078 | Bifoil 100% Tinned Copper Braid 95% | Flex | .146 | 16.2 pf/ft | 82% | 75Ω | Black |
| | | | | | Plenum | Connector Type 75Ω 3 Pc. Crimp BNC 75Ω Compression BNC | Connectors CN-BM74-18 CN-DB15BNCHD | Strip Tool TL-KLEIN or TL-825 TL-CSST | Crimp/Comp Tool TL-105 TL-CPLRBC | |
| 819 | CMR | 20 AWG (Solid) BC 10Ω/M' | Gas Injected PE† .142 | Bifoil 100% Tinned Copper Braid 95% | PVC | .232 | 16.2 pf/ft | 82% | 75Ω | Black |
| | | | | | Connector Type 75Ω 3 Pc. BNC 75Ω Compression BNC | Connectors CN-BM74-32 CN-DB59BNCHD | Strip Tool TL-7503 TL-CSST | Crimp/Comp Tool TL-104 TL-CPLRBC | | |
| 25819 | CMP | 20 AWG (Solid) BC 10Ω/M' | Foam FEP .138 | Bifoil 100% Tinned Copper Braid 95% | Flex | .207 | 16.2 pf/ft | 84% | 75Ω | Ivory |
| | | | | | Plenum | Connector Type 75Ω 3 Pc. Crimp BNC 75Ω Compression BNC | Connectors CN-BM74-32 CN-F559BNCPL4 | Strip Tool TL-7503 TL-CSST | Crimp/Comp Tool TL-104 TL-SNSA | |
| 6350 | CMR | 18 AWG (Solid) BC 6.4Ω/M' | Gas Injected PE† .180 | Bifoil 100% Tinned Copper Braid 95% | PVC | .275 | 16.2 pf/ft | 82% | 75Ω | Black |
| | | | | | Connector Type 75Ω 3 Pc. Crimp BNC 75Ω Compression BNC | Connectors CN-BM73-5 CN-DB6BNCHD | Strip Tool TL-7503 TL-CSST | Crimp/Comp Tool TL-107 TL-CPLRBC | | |
| 256350 | CMP | 18 AWG (Solid) BC 6.4Ω/M' | Foam FEP .170 | Bifoil 100% Tinned Copper Braid 95% | Flex | .236 | 16.2 pf/ft | 84% | 75Ω | Ivory |
| | | | | | Plenum | Connector Type 75Ω 3 Pc. Crimp BNC 75Ω Compression BNC | Connectors CN-BM73-4 CN-F56BNCPL2 | Strip Tool TL-7503 TL-CSST | Crimp/Comp Tool TL-107 TL-SNSA | |

SDI JACKET COLORS

Note: A minimum order quantity may apply on select jacket colors.

- Black • Red • Green • Blue • White • Yellow
- Other colors available upon request, minimum quantities may apply

HD-SDI ACCESSORIES

Video Connectors

75 Ohm BNC Compression Style-Double Bubble- High Definition



| BNC Style Compression- 360 Double Bubble | |
|--|-------------------------------------|
| Catalog No. | Description |
| CN-DB15BNCHD | MiniMax 25 Awg. Cables- Purple Band |
| CN-DB59BNCHD | RG59/U - Red Band |
| CN-DB6BNCHD | RG6/U - Green Band |

TL-CPLRBC- Double Bubble Compression Tool

360 Compression System:

- True 360 degree Compression
- Creates Permanent "Double Bubble" Connection
- Environmentally Sealed
- Superior Return Loss Values
- 75 Ohm Impedance
- Superior Pull-out Strength
- High Definition Applications

Pro-Audio/Video and Digital Video Cable Assemblies: 75 Ohm BNC to 75 Ohm BNC

| Digital Video MiniMax Non-Plenum | | |
|----------------------------------|---------|---------------|
| Catalog No. | Length | Jacket Colors |
| CN7BHD825BK3 | 3 Foot | Black |
| CN7BHD825BK6 | 6 Foot | |
| CN7BHD825BK10 | 10 Foot | |
| CN7BHD825BK15 | 15 Foot | |
| CN7BHD825BK20 | 20 Foot | |
| CN7BHD825BK25 | 25 Foot | |



| Digital Video MiniMax Plenum | | |
|------------------------------|---------|---------------|
| Catalog No. | Length | Jacket Colors |
| CN-HD25825BK-3 | 3 Foot | Black |
| CN-HD25825BK-6 | 6 Foot | |
| CN-HD25825BK-10 | 10 Foot | |
| CN-HD25825BK-15 | 15 Foot | |
| CN-HD25825BK-20 | 20 Foot | |
| CN-HD25825BK-25 | 25 Foot | |

| Digital Video RG59/U Non-Plenum | | |
|---------------------------------|---------|---------------|
| Catalog No. | Length | Jacket Colors |
| CN-7B819BK-3 | 3 Foot | Black |
| CN-7B819BK-6 | 6 Foot | |
| CN-7B819BK-10 | 10 Foot | |
| CN-7B819BK-15 | 15 Foot | |
| CN-7B819BK-20 | 20 Foot | |
| CN-7B819BK-25 | 25 Foot | |