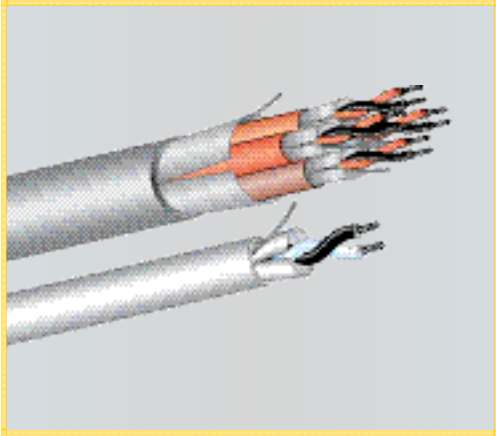


Broadcast Audio

WEST PENN WIRE



The **West Penn Wire** brand is strongly recognized when anyone mentions video or pro audio cables. A market this adamant upon cable performance is exactly why **West Penn Wire** is and will continue to be a leader in the broadcast market.

When you think of the characteristics of a high quality broadcast cable, you think of signal integrity, dependability and performance. A broadcast product needs to be of top quality, which is why we take it upon ourselves to make such high quality products for this market. From Pro Video to Pro Audio to RGB/Sync cables and serial digital cables **West Penn Wire** covers it all.

For more detailed information on our Broadcast cables, contact our Customer Service Department at **1-800-245-4964**, or e-mail us at sales@westpenn-wpw.com. Information can also be found on our website- www.westpenn-wpw.com

Mini Index

Professional Audio Cables

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Over 95% of West Penn Wire cables are RoHS Compliant. For a detailed specification on individual products, contact our engineering department.

Broadcast Audio

WEST PENN WIRE



Broadcast Audio Twisted Pair/ Shielded

Description:

- ASTM Tinned Copper • Polyethylene or Polypropylene insulation
- Overall shield 100% coverage of aluminum polyester foil with drain wire • Twisted pair construction • Overall PVC jacket

Rating:

- NEC Type CM or CL2
- (UL) or (ETL)us Listed
- Meets 300V requirements as specified in the NEC
- Flame Rating: UL1685

Standard spool size 1000ft.

Applications:

Indoor for:

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

| Catalog No. | No. of Pairs | Conductor Type & Nom. D.C.R | Insulation Type & Thickness Inches | Shielding & % Coverage Drain Wire | Jacket Type & Thickness Inches | Nom. O.D. Inches | NEC Type | Nom. Capacitance | Jacket Color |
|-------------|--------------|-----------------------------|------------------------------------|---|--------------------------------|------------------|----------|-----------------------|--------------|
| | | | | | | | | | |
| 77291 | 1 Pair | 22 AWG (7x30) 17 Ω/Mft | PE .016 | Al. Foil 100% 22 Strd. | PVC .025 | .175 | CM | 24pf/ft* 47pf/ft** | Gray |
| 77292 | 1 Pair | 20 AWG (7x28) 10.5 Ω/Mft | PE .016 | Al. Foil 100% 20 Strd. | PVC .028 | .204 | CM | 27pf/ft* 49pf/ft** | Gray |
| 77293 | 1 Pair | 18 AWG (16x30) 6.2 Ω/Mft | PE .018 | 100% Al. Foil 20 Strd. | PVC .028 | .222 | CM | 24pf/ft* 44pf/ft** | Gray |
| 77294 | 1 Pair | 16 AWG (19x29) 4.2 Ω/Mft | PE .032 | Al. Foil 100% 18 Strd. | PVC .032 | .315 | CL2 | 23pf/ft* 44pf/ft** | Gray |
| 77295 | 1 Pair | 14 AWG (19x27) 2.7 Ω/Mft | PE .032 | Al. Foil 100% 16 Strd. | PVC .035 | .355 | CL2 | 24pf/ft* 47pf/ft** | Gray |
| 77296 | 1 Pair | 12 AWG (19x25) 1.7 Ω/Mft | PE .037 | Al. Foil 100% 14 Strd. | PVC .040 | .400 | CL2 | 25pf/ft* 49pf/ft** | Gray |
| 77510† | 2 Pair | 22 AWG (7x30) 17 Ω/Mft | PP .008 | Ind. Shielded Al. Foil 100% with 1 drain wire | PVC .020 | .189 | CM | 35pf/ft* 62pf/ft** | Gray |

Notes:

† - Employs individually shielded pairs with one drain wire common to all shields.

* Capacitance between conductors.

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

Special Notes:

- PE- Polyethylene
- PP- Polypropylene

| Color Code | | |
|--------------------|--|-----------------------------|
| Catalog No. | 77291, 77292, 77293, 77294, 77295, 77296 | 77510 |
| Primary Color Code | 1. Black, 2. Clear | 1. Black-Red, 2.White-Green |
| | JACKET: Gray | JACKET: Gray |

Broadcast Audio

Broadcast Audio Plenum Cable Two Conductor / Overall Shielded



Applications:

Indoor within ducts, plenums and other spaces used for environmental air:

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

Description:

- ASTM Tinned Copper • Teflon insulation • Overall shield 100% coverage of aluminum polyester foil with drain wire
- Twisted Pair Construction • Flexible plenum jacket

Rating:

- NEC Type CMP
- (UL)-C(UL) Listed or c(ETL)us Listed
- Meets 300V requirements as specified in the NEC
- Flame Rating: NFPA-262 Smoke & Flame Test

Standard spool size 1000ft.

| Catalog No. | No. of Pairs | Conductor Type & Nom. D.C.R | Insulation Type & Thickness Inches | Shielding & Coverage | Jacket Type & Thickness Inches | Nom. O.D. Inches | NEC Type | Nom. Capacitance | Jacket Color |
|-------------|--------------|-----------------------------|------------------------------------|---------------------------|--------------------------------|------------------|----------|--------------------------|--------------|
| D25291 | 1 Pair | 22 AWG (7x30) 17 Ω/Mft | Teflon .010 | Al. Foil 100% 24 Strd. | Flexible Plenum .015 | .120 | CMP | 25 pf/ft* 45 pf/ft ** | Gray |
| D25292 | 1 Pair | 20 AWG (7x28) 10.5 Ω/Mft | Teflon .010 | Al. Foil 100% 22 Strd. | Flexible Plenum .015 | .135 | CMP | 27 pf/ft* 49 pf/ft ** | Gray |
| D25293 | 1 Pair | 18 AWG (7x26) 6.6 Ω/Mft | Teflon .010 | Al. Foil 100% 22 Strd. | Flexible Plenum .015 | .148 | CMP | 30 pf/ft* 54 pf/ft ** | Gray |
| D25294 | 1 Pair | 16 AWG (19x29) 4.4 Ω/Mft | Teflon .010 | Al. Foil 100% 22 Strd. | Flexible Plenum .015 | .170 | CMP | 36 pf/ft* 65 pf/ft ** | Gray |

| Color Code | |
|---------------------|------------|
| Pair No. | Colors |
| 1 | Black/ Red |
| JACKET: Gray | |

| Electrical Characteristics |
|-------------------------------|
| Nom. Vel of Propagation - 69% |
| Nom. Impedance Ω D25291- 55Ω |
| Nom. Impedance Ω D25292- 50Ω |
| Nom. Impedance Ω D25293- 45Ω |
| Nom. Impedance Ω D25294- 40Ω |

- * Capacitance between conductors.
- ** Capacitance between one conductor and the other connected to the shield

Special Notes:

- Teflon®- Dupont Tradename for FEP-Fluorinated Ethylene Propylene

Broadcast Audio

WEST PENN WIRE



Broadcast Audio Multiple Pair 22AWG / Individually Shielded

Description:

- ASTM Tinned Copper • Polyolefin insulation • Each pair shielded 100% coverage of aluminum polyester foil with 24 AWG Strd. TC drain wire • Short overall twist construction • Overall PVC jacket

Rating:

- NEC Type CM
- (UL) Listed or c(ETL)us Listed
- Meets 300V requirements as specified in the NEC
- Flame Rating: UL1685

Applications:

Indoor for:

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

Standard spool size 1000ft.

| Catalog No. | No. of Pairs | Conductor Type & Nom. D.C.R | Insulation Type & Thickness Inches | Ind. Pair Shielding % Coverage | Jacket Type & Thickness Inches | Nom. O.D. Inches | NEC Type | Nom. Capacitance | Jacket Color |
|-------------|--------------|-----------------------------|------------------------------------|--------------------------------|--------------------------------|------------------|----------|------------------------|--------------|
| D430 | 2 | 22 AWG (7x30) 17 Ω/Mft | Polyolefin .006 | Each Pair Al. Foil 100% | PVC .025 | .244 | CM | 34pf/ft* 67 pf/ft** | Gray |
| D431 | 3 | 22 AWG (7x30) 17 Ω/Mft | Polyolefin .006 | Each Pair Al. Foil 100% | PVC .025 | .258 | CM | 34pf/ft* 67 pf/ft** | Gray |
| D439 | 4 | 22 AWG (7x30) 17 Ω/Mft | Polyolefin .006 | Each Pair Al. Foil 100% | PVC .025 | .280 | CM | 34pf/ft* 67 pf/ft** | Gray |
| D432 | 6 | 22 AWG (7x30) 17 Ω/Mft | Polyolefin .006 | Each Pair Al. Foil 100% | PVC .025 | .332 | CM | 34pf/ft* 67 pf/ft** | Gray |
| D433 | 9 | 22 AWG (7x30) 17 Ω/Mft | Polyolefin .006 | Each Pair Al. Foil 100% | PVC .034 | .390 | CM | 34pf/ft* 67 pf/ft** | Gray |
| D434 | 12 | 22 AWG (7x30) 17 Ω/Mft | Polyolefin .006 | Each Pair Al. Foil 100% | PVC .034 | .420 | CM | 34pf/ft* 67 pf/ft** | Gray |
| D436 | 19 | 22 AWG (7x30) 17 Ω/Mft | Polyolefin .006 | Each Pair Al. Foil 100% | PVC .047 | .565 | CM | 34pf/ft* 67 pf/ft** | Gray |
| D438 | 27 | 22 AWG (7x30) 17 Ω/Mft | Polyolefin .006 | Each Pair Al. Foil 100% | PVC .047 | .678 | CM | 34pf/ft* 67 pf/ft** | Gray |

Special Notes:

- Selected Indoor/Outdoor Aquaseal Water Resistant® Versions see pages 41
- Select cables are available in our Easybox®
- Orange ripcord included on cables containing 3 or more pairs

Electrical Characteristics
Nom. Vel of Propagation - 66%
Nom. Impedance Ω 22 Awg.(7x30)- 55Ω

- * Capacitance between conductors.
- ** Capacitance between one conductor and the other connected to the shield

Jacket Color Code See pg. 23

Broadcast Audio

Broadcast Audio Plenum Cable Multiple Pair / Individually Shielded



Applications:

Indoor within ducts, plenums and other spaces used for environmental air:

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

Description:

- ASTM Tinned Copper • Teflon insulation • Each pair shielded 100% coverage of aluminum foil with 24 AWG Strd. drain wire
- Twisted pair construction • Flexible plenum jacket

Rating:

- NEC Type CMP
- (UL)-C(UL) Listed or c(ETL)us Listed
- Meets 300V requirements as specified in the NEC
- Flame Rating: NFPA-262 Smoke & Flame Test

Standard spool size 1000ft.

| Catalog No. | No. of Pairs | Conductor Type & Nom. D.C.R | Insulation Type & Thickness Inches | Shielding & Coverage | Jacket Type & Thickness Inches | Nom. O.D. Inches | NEC Type | Nom. Capacitance | Jacket Color |
|-------------|--------------|-----------------------------|------------------------------------|--------------------------|--------------------------------|------------------|----------|-------------------------|--------------|
| D25430 | 2 | 22 AWG (7x30) 17 Ω/Mft | Teflon .010 | Individual Al. Foil 100% | Flex Plenum .015 | .200 | CMP | 25 pf/ft* 45 pf/ft** | Gray |
| D25431 | 3 | 22AWG (7x30) 17 Ω/Mft | Teflon .010 | Individual Al. Foil 100% | Flex Plenum .015 | .214 | CMP | 25 pf/ft* 45 pf/ft** | Gray |
| D25439 | 4 | 22 AWG (7x30) 17 Ω/Mft | Teflon .010 | Individual Al. Foil 100% | Flex Plenum .015 | .236 | CMP | 25 pf/ft* 45 pf/ft** | Gray |
| D25432 | 6 | 22 AWG (7x30) 17 Ω/Mft | Teflon .010 | Individual Al. Foil 100% | Flex Plenum .015 | .288 | CMP | 25 pf/ft* 45 pf/ft** | Gray |
| D25510‡ | 2 | 22 AWG (7x30) 17 Ω/Mft | Teflon .010 | Individual Al. Foil 100% | Flex Plenum .015 | .204 | CMP | 25 pf/ft* 45 pf/ft** | Gray |

Electrical Characteristics
Nom. Vel of Propagation - 69%
Nom. Impedance Ω 22 Awg.(7x30)- 55Ω

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

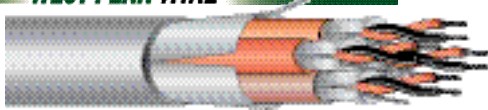
| Color Code | | | |
|---------------------|-------------|------------|--------------|
| D25510 | | All Others | |
| Pair No. | Colors | Pair No. | Colors |
| 1 | Black/Red | 1 | Black/Red |
| 2 | White/Green | 2 | Black/White |
| | | 3 | Black/Green |
| | | 4 | Black/Blue |
| | | 5 | Black/Yellow |
| | | 6 | Black/Brown |
| JACKET: Gray | | | |

Special Notes:

- ‡ Employs individually shielded pairs plus overall shield with one 24 AWG drain wire common to all shields to ensure greater shielding and lower DC resistance.
- Select cables are available in our Easybox®

Broadcast Audio

WEST PENN WIRE



Broadcast Audio Analog Multiple Pair/ Individually Shielded and Jacketed Pair

Description:

- ASTM Tinned Copper • Polypropylene insulation (Colors: Black,Red)
- Each Pair Individually Shielded with bonded aluminum polyester foil 100% coverage and 22 Strd. TC drain wire • Each Pair individually PVC jacketed
- Overall aluminum polyester foil with ‡ drain wire • Overall PVC jacket

Rating:

- NEC Type CM
- (UL) Listed
- Meets 300V requirements as specified in the NEC
- Flame Rating: UL1685

Applications:

Indoor for:

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

Standard spool size 1000ft.

| Catalog No. | No. of Pairs | Conductor Type & Nom. D.C.R | Insulation Type & Thickness | Shielding & % Coverage | Jacket Type & Thickness | Ind. Jkt. Nom. O.D. | NEC Type | Nom. Capacitance | Overall Jacket Color |
|-------------|--------------|-----------------------------|-----------------------------|-----------------------------------|---|---------------------|----------|-----------------------|----------------------|
| | | | | | | | | | |
| WP4546 | 6 Pair | 22 AWG (7x30) 17 Ω/Mft | PP .008 | Each Pair & Overall Al. Foil 100% | PVC .030 | .475 | CM | 34pf/ft* 67pf/ft** | Gray |
| | | | | | Individual pair jacket Nom. O.D. - .135" | | | | |
| WP4548 | 8 Pair | 22 AWG (7x30) 17 Ω/Mft | PP .008 | Each Pair & Overall Al. Foil 100% | PVC .030 | .575 | CM | 34pf/ft* 67pf/ft** | Gray |
| | | | | | Individual pair jacket Nom. O.D. - .135" | | | | |
| WP45412 | 12 Pair | 22 AWG (7x30) 17 Ω/Mft | PP .008 | Each Pair & Overall Al. Foil 100% | PVC .030 | .675 | CM | 34pf/ft* 67pf/ft** | Gray |
| | | | | | Individual pair jacket Nom. O.D. - .135" | | | | |
| WP45416 | 16 Pair | 22 AWG (7x30) 17 Ω/Mft | PP .008 | Each Pair & Overall Al. Foil 100% | PVC .030 | .745 | CM | 34pf/ft* 67pf/ft** | Gray |
| | | | | | Individual pair jacket Nom. O.D. - .135" | | | | |
| WP45424 | 24 Pair | 22 AWG (7x30) 17 Ω/Mft | PP .008 | Each Pair & Overall Al. Foil 100% | PVC .030 | .925 | CM | 34pf/ft* 67pf/ft** | Gray |
| | | | | | Individual pair jacket Nom. O.D. - .135" | | | | |
| WP45432 | 32 Pair | 22 AWG (7x30) 17 Ω/Mft | PP .008 | Each Pair & Overall Al. Foil 100% | PVC .030 | 1.02 | CM | 34pf/ft* 67pf/ft** | Gray |
| | | | | | Individual pair jacket Nom. O.D. - .135" | | | | |

Special Notes:

- ‡ Individual pair drain wire size 22 AWG std. TC
- PP- Polypropylene

* Capacitance between conductors.

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

Individual Jacket Color Code See pg. 104

Broadcast Audio

Broadcast Audio Miniature Dual Audio / Shielded

Applications:

Indoor for:

- Post-Production Facilities
- Recording Studios
- Sound and Audio
- Power-limited Control Circuits



Description:

- ASTM Tinned Copper • Polypropylene insulation
- Each Pair shield 100% coverage of aluminum polyester foil with 22 AWG TC drain wire • Figure 8 ZIP CONSTRUCTION • Twisted pair construction
- Overall PVC jacket

Rating:

- NEC Type CM
- (UL) Listed
- Meets 300V requirements as specified in the NEC
- Flame Rating: UL1685

Standard spool size 1000ft.

| Catalog No. | No. of Pairs | Conductor Type & Nom. D.C.R | Insulation Type & Thickness Inches | Shielding & % Coverage | Jacket Type & Thickness Inches | Nom. O.D. Inches | NEC Type | Nom. Capacitance | Jacket Color |
|----------------------|--------------|------------------------------|---------------------------------------|---------------------------------------|-----------------------------------|---------------------|----------|-----------------------|--------------|
| | | | | | | | | | |
| 210454 New | 2 pair | 22 AWG (7x30) 17 Ω/Mft | PP .008 | Each Pair | PVC .020 | .135 x .280 | CM | 34pf/ft* 67pf/ft** | Gray |
| | | | | Al. Foil 100% 22 Strd. drain | | | | | |
| 2452 | 2 pair | 22 AWG (7x30) 17 Ω/Mft | PP .008 | Each Pair | PVC .020 | .135 x .280 | CM | 34pf/ft* 67pf/ft** | Blue |
| | | | | Al. Foil 100% 24 Strd. drain | | | | | |

| Color Code | |
|---------------|---|
| 210454 | 1. Black, Red 2. Black, White |
| | JACKET: Grey |
| 2452 | 1. Black, Red |
| | JACKET: Blue |

* Capacitance between conductors.

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

Special Notes:

- The Aluminum polyester foil is bonded to the jacket- 210454 only
- 210454 Overall jacket is Gray with one channel imprinted for identification
- 2452 Overall jacket is blue with one channel imprint for identification

Broadcast Audio

WEST PENN WIRE



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 or 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

Standard spool size 1000ft.

| Non-Plenum - Individually Shielded Pairs + PVC Jacket | | | | | | | | | |
|---|--------------|-----------------------------|------------------------------------|-----------------------------------|--------------------------------|------------------|----------|----------------------------|--------------|
| Catalog No. | No. of Pairs | Conductor Type & Nom. D.C.R | Insulation Type & Thickness Inches | Shielding & % Coverage | Jacket Type & Thickness Inches | Nom. O.D. Inches | NEC Type | Nom. Capacitance | Jacket Color |
| 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 |

| Plenum - Individually Shielded Pairs + Plenum PVDF Jacket | | | | | | | | | |
|---|--------------|-----------------------------|------------------------------------|-----------------------------------|--------------------------------|------------------|----------|----------------------------|--------------|
| Catalog No. | No. of Pairs | Conductor Type & Nom. D.C.R | Insulation Type & Thickness Inches | Shielding & % 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% | PVDF .010 | .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% | PVDF .010 | .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% | PVDF .010 | .350 | CMP | 12.5pf/ft* 22.5pf/ft ** | Gray |

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

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

Special Notes:

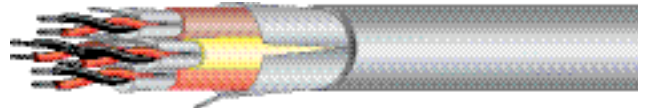
- Orange rip cord included on cables with 2 or more pairs.
- DA2401- available in Brown, Red, Orange, Yellow, Green, Blue, Violet, Gray, White, Black, Tan, Pink Jackets
- [Minimum order quantities may apply on select jacket colors.](#)
- PE- Polyethylene
- FEP- Teflon® Trademark of Dupont

| 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 | | | |

Broadcast Audio

WEST PENN WIRE

Broadcast Audio AES/ EBU Digital Audio Cable / Multiple Pair- Individually Shielded & Jacketed



Applications:

Indoor for:

- Pro- Audio
- Digital Audio
- Recording Studios
- Post-Production Facilities

Description:

- ASTM Tinned Copper • Low Loss Foam insulation • Each pair individually shielded with bonded foil 100% coverage of aluminum polyester foil with 24 AWG TC drain wire • Individual pair jackets and shields are bonded together for ease of stripping • Overall 100% coverage of aluminum polyester foil and drain wire • Overall PVC jacket with ripcord

Rating:

- NEC Type CM
- (UL) Listed
- Meets 300V requirements as specified in the NEC
- Flame Rating: UL1685

Standard spool size 1000ft.

| Catalog No. | No. of Pairs | Conductor Type & Nom. D.C.R | Insulation Type & Thickness | Shielding & % Coverage | Jacket Type & Thickness | Nom. O.D. Inches | NEC Type | Nom. Capacitance | Jacket Color |
|-------------|--------------|-----------------------------|-----------------------------|---|---|------------------|----------|---------------------------|--------------|
| | | | Inches | ‡ | Inches | | | | |
| DA2404S | 4 pair | 24 AWG (7x32) 26 Ω/Mft | Foam PE .020 | Each Pair & Overall Al. Foil 100% | PVC .030 | .528 | CM | 12.5pf/ft* 22.5pf/ft** | Gray |
| | | | | | Individual pair jacket Nom. O.D. - .182" | | | | |
| DA2408S | 8 pair | 24 AWG (7x32) 26 Ω/Mft | Foam PE .020 | Each Pair & Overall Al. Foil 100% | PVC .030 | .692 | CM | 12.5pf/ft* 22.5pf/ft** | Gray |
| | | | | | Individual pair jacket Nom. O.D. - .182" | | | | |
| DA2412S | 12 pair | 24 AWG (7x32) 26 Ω/Mft | Foam PE .020 | Each Pair & Overall Al. Foil 100% | PVC .030 | .846 | CM | 12.5pf/ft* 22.5pf/ft** | Gray |
| | | | | | Individual pair jacket Nom. O.D. - .182" | | | | |

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

| Color Code | | | |
|--------------------------|-----------|-----------|-----------|
| Individual Jacket Colors | | | |
| 1. Brown | 4. Yellow | 7. Violet | 10. Black |
| 2. Red | 5. Green | 8. Gray | 11. Tan |
| 3. Orange | 6. Blue | 9. White | 12. Pink |
| Overall Jacket: Gray | | | |

- * Capacitance between conductors.
- ** Capacitance between one conductor and the other connected to the shield

Special Notes:

- Insulated conductor colors: Black and Red
- Orange rip cord under jacket
- PE- Polyethylene

Broadcast Audio

WEST PENN WIRE



Broadcast Audio Miniature Audio / 22 Awg. Shielded

Applications:

Indoor for:

- Post-Production Facilities
- Recording Studios
- Sound and Audio
- Power-limited Control Circuits

Description:

- ASTM Tinned Copper • Polypropylene insulation
- Overall shield 100% coverage of aluminum polyester foil with drain wire • Twisted pair construction
- Overall PVC jacket

Rating:

- NEC Type CM
- (UL) Listed
- Meets 300V requirements as specified in the NEC
- Flame Rating: UL1685

Standard pool size 1000ft.

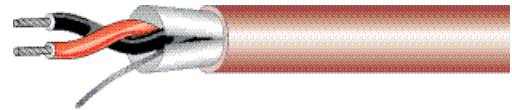
| Catalog No. | No. of Pairs | Conductor Type & Nom. D.C.R | Insulation Type & Thickness Inches | Shielding & % Coverage Drain Wire | Jacket Type & Thickness Inches | Nom. O.D. Inches | NEC Type | Nom. Capacitance | Jacket Color |
|---|--------------|-----------------------------|------------------------------------|-----------------------------------|--------------------------------|------------------|----------|-----------------------|----------------------|
| (X)454 | 1 pair | 22 AWG (7x30) 17 Ω/Mft | PP .008 | Al. Foil 100% 22 Strd. | PVC .020 | .135 | CM | 34pf/ft* 67pf/ft** | See Color Code Chart |
| The Aluminum polyester shield is bonded to the jacket so both can be removed with automatic stripping equipment | | | | | | | | | |

| Color Code | | | |
|------------|--------------|----------|--------------|
| Pair No. | Jacket Color | Pair No. | Jacket Color |
| 1 | Brown | 7 | Violet |
| 2 | Red | 8 | Gray |
| 3 | Orange | 9 | White |
| 4 | Yellow | 10 | Black |
| 5 | Green | 11 | Tan |
| 6 | Blue | 12 | Pink |

- * Capacitance between conductors.
- ** Capacitance between one conductor and the other connected to the shield

Notes:
Replace (X) with number.
Example:
(2)454- Red Jacket

Broadcast Audio Miniature Audio / 22 Awg. Shielded Plenum



Rating:

- NEC Type CMP
- (UL) Listed
- Meets 300 Volt • Flame Rating: NFPA-262 Smoke & Flame Test

Description:

- ASTM Tinned Copper • FEP Insulation • Overall shield 100% coverage of aluminum polyester foil with drain wire • Twisted Pair Construction • Overall Plenum Jacket

| Catalog No. | No. of Pairs | Conductor Type & Nom. D.C.R | Insulation Type & Thickness Inches | Shielding & % Coverage Drain Wire | Jacket Type & Thickness Inches | Nom. O.D. Inches | NEC Type | Nom. Capacitance | Jacket Color |
|---|--------------|-----------------------------|------------------------------------|-----------------------------------|--------------------------------|------------------|----------|-----------------------|----------------------|
| D25454 New | 1 pair | 22 AWG (7x30) 17 Ω/Mft | FEP .007 | Al. Foil 100% 22 Strd. | Plenum .018 | .130 | CMP | 35pf/ft* 67pf/ft** | See Color Code Chart |
| The Aluminum polyester shield is bonded to the jacket so both can be removed with automatic stripping equipment | | | | | | | | | |

Special Notes:

- The drain wire on these products are on the inside of the foil shield

| Color Code | |
|------------|---------------------------------------|
| D25454 | 1. Black, 2. Red |
| | JACKET: Black, Red, Gray, Blue, Brown |

- * Capacitance between conductors.
- ** Capacitance between one conductor and the other connected to the shield