



1475A Paired - 300V Power-Limited Tray Cable

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|   | <p style="text-align: center;">For more information please call 1-800-Belden1</p> <p style="text-align: center;"><u>See Put-ups and Colors</u></p> <p style="text-align: center;">Color Code Chart : ICEA Table E1.pdf</p> |
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Description:

18 AWG pairs stranded (7x26) bare copper conductors, twisted pairs, individually shielded plus an overall Beldfoil (100% coverage), PVC insulation, PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

| | |
|----------------------------|--------|
| Number of Pairs | 4 |
| Number of Conductors | 1 |
| Total Number of Conductors | 9 |
| AWG | 18, 22 |

Multi-Pairs/Conductors :

| Number of Pairs/Conductors | AWG | Stranding | Conductor Material | Conductor Diameter (in.) |
|----------------------------|-----|-----------|--------------------|--------------------------|
| 4 Pairs | 18 | 7x26 | BC - Bare Copper | |
| 1 Communication Wire | 22 | 7x30 | BC - Bare Copper | |

| | |
|--------------------|------------------|
| Stranding | 7x26, 7x30 |
| Conductor Material | BC - Bare Copper |

INSULATION:

| | |
|---------------------|--------------------------|
| Insulation Material | PVC - Polyvinyl Chloride |
|---------------------|--------------------------|

Pair Color Code Chart :

| Number | Color | Number | Color |
|--------|------------------------------|---------------|------------------------------|
| 1 | Black & White and Numbered 1 | 4 | Black & White and Numbered 4 |
| 2 | Black & White and Numbered 2 | Communication | Orange |
| 3 | Black & White and Numbered 3 | | |

INNER SHIELD:

| | |
|----------------------------------|------------------------------|
| Inner Shield Material Trade Name | Beldfoil® |
| Inner Shield Type | Tape |
| Inner Shield Material | Aluminum Foil-Polyester Tape |
| Inner Shield % Coverage | 100 % |



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| | |
|--|--------------------|
| Inner Shield Drain Wire AWG | 20 |
| Inner Shield Drain Wire Stranding | 7x28 |
| Inner Shield Drain Wire Conductor Material | TC - Tinned Copper |

OUTER SHIELD:

| | |
|----------------------------------|------------------------------|
| Outer Shield Material Trade Name | Beldfoil® |
| Outer Shield Type | Tape |
| Outer Shield Material | Aluminum Foil-Polyester Tape |
| Outer Shield % Coverage | 100 % |

OUTER SHIELD DRAIN WIRE :

| | |
|--|--------------------|
| Outer Shield Drain Wire AWG | 18 |
| Outer Shield Drain Wire Stranding | 7x26 |
| Outer Shield Drain Wire Conductor Material | TC - Tinned Copper |

OUTER JACKET:

| | |
|-------------------------------------|--------------------------|
| Outer Jacket Material | PVC - Polyvinyl Chloride |
| Outer Jacket Nominal Wall Thickness | .053 in. |
| Outer Jacket Ripcord | Yes |

OVERALL NOMINAL DIAMETER:

| | |
|--------------------------|----------|
| Overall Nominal Diameter | .468 in. |
|--------------------------|----------|

MECHANICAL CHARACTERISTICS:

| | |
|----------------------------------|--------------------|
| Operating Temperature Range | -30°C To +105°C |
| Bulk Cable Weight | 132.6 lbs/1000 ft. |
| Max. Recommended Pulling Tension | 267 lbs. |
| Min. Bend Radius (Install) | 4.75 in. |

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

| | |
|---------------------------------------|----------------|
| NEC/(UL) Specification | PLTC, ITC, CMG |
| CEC/C(UL) Specification | CMG |
| EU CE Mark (Y/N) | Yes |
| EU RoHS Compliant (Y/N) | Yes |
| EU RoHS Compliance Date (mm/dd/yyyy): | 04/01/2005 |

FLAME TEST:

| | |
|-----------------|--------------------|
| UL Flame Test | UL1685 FT4 Loading |
| CSA Flame Test | FT4 |
| IEEE Flame Test | 1202 |
| ICEA Flame Test | T-29-520 |

SUITABILITY:



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| | |
|-----------------------|-----|
| Suitability - Indoor | Yes |
| Suitability - Outdoor | Yes |
| Suitability - Burial | Yes |
| Sunlight Resistance | Yes |

PLENUM/NON-PLENUM:

| | |
|--------------|---|
| Plenum (Y/N) | N |
|--------------|---|

ELECTRICAL CHARACTERISTICS:

Nom. Conductor DC Resistance @ 20 Deg. C :

| Description | Nom. Conductor DC Resistance @ 20 Deg. C (Ohms/1000 ft) |
|-------------|---|
| 18 AWG | 5.86 |
| 22 AWG | 14.7 |

| | |
|--|-------------------------------|
| Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C | 10.3 Ohms/1000 ft |
| Nominal Outer Shield DC Resistance @ 20 Deg. C | 4.8 Ohms/1000 ft |
| Max. Operating Voltage - UL | 300 V RMS |
| Max. Recommended Current | 3.5 Amps per conductor @ 25°C |

NOTES:

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|-------|--|
| Notes | Alternate color coding available upon request. |
|-------|--|

PUT-UPS AND COLORS:

| Item | Description | Put-Up (ft.) | Ship Weight (lbs.) | Jacket Color | Notes |
|---------------|-----------------------------------|--------------|--------------------|--------------|-------|
| 1475A 0107500 | 4 FS PR #18 + 1 #22 PVC FS PVC | 7500 | 1057.5 | BLACK | C Z |

C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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