



27324A Non-Paired - 600 Volt Tray Cable (TC)

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|--|---|--|
| <p>Obsolete Call 1-800-BELDEN1</p> |  | <p>For more information please call 1-800-Belden1</p> |
|--|---|--|

Description:

16 AWG multi-conductor, stranded (7x24) bare copper, PVC/Nylon insulation, PVC jacket constructions.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

| | |
|----------------------------|------------------|
| Number of Conductors | 25 |
| Total Number of Conductors | 25 |
| AWG | 16 |
| Stranding | 7x24 |
| Conductor Material | BC - Bare Copper |

GROUND WIRE:

| | |
|-------------------|---|
| Ground Wire (Y/N) | N |
|-------------------|---|

INSULATION:

| | |
|---------------------|--------------------------------------|
| Insulation Material | PVC/Nylon - Polyvinyl Chloride/Nylon |
|---------------------|--------------------------------------|

OUTER SHIELD:

| | |
|-----------------------|------------|
| Outer Shield Material | Unshielded |
|-----------------------|------------|

OUTER JACKET:

| | |
|-------------------------------------|--------------------------|
| Outer Jacket Material | PVC - Polyvinyl Chloride |
| Outer Jacket Nominal Wall Thickness | .080 in. |

OVERALL NOMINAL DIAMETER:

| | |
|--------------------------|---------|
| Overall Nominal Diameter | .72 in. |
|--------------------------|---------|

MECHANICAL CHARACTERISTICS:

| | |
|----------------------------------|---------------------------------|
| Operating Temperature Range | -30°C To (+90°C Dry, +75°C Wet) |
| Non-UL Temperature Rating | +90°C Dry, 75°C Wet |
| Bulk Cable Weight | 241 lbs/1000 ft. |
| Max. Recommended Pulling Tension | 515 lbs. |
| Min. Bend Radius (Install) | 7.2 in. |

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

| | |
|------------------------|----------|
| NEC/(UL) Specification | TC, NPLF |
|------------------------|----------|



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| | |
|---------------------|-----------------------------------|
| IEEE Specification | 1202 |
| Other Specification | ICEA S-73-532, S-95-658, S-61-402 |

FLAME TEST:

| | |
|---------------|----------------------|
| UL Flame Test | UL1581 Vertical Tray |
|---------------|----------------------|

PLENUM/NON-PLENUM:

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

ELECTRICAL CHARACTERISTICS:

| | |
|--|-----------------------------|
| Nom. Conductor DC Resistance @ 20 Deg. C | 4.2 Ohms/1000 ft |
| Max. Operating Voltage - Other | 600 V RMS |
| Max. Recommended Current | 8 Amps per conductor @ 25°C |

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