

**D-16**

Type TC Shielded

**THHN/THWN-2 Insulation, PVC Jacket
Copper Conductors 600 Volt 90°C, Aluminum-Mylar Shield**

**Application:**

For critical circuits, e.g. instrumentation, control and communication, where shielding from ambient electrical interference is necessary. 600 volt rated.

Installation:

Approved for cable tray use in hazardous areas, in raceways, in open air, direct buried and with messenger wire.

Environment:

Wet or dry locations; exposed to chemicals and oils.

Maximum Conductor Temperatures (continuous):

THWN/THHN-2 - Wet or dry locations - 90°C

Color Code:

K-2

Conductors:

Soft bare annealed copper per ASTM B3; Class B stranding per ASTM B8.

Conductor sizes:

14 AWG - 10 AWG.

Insulation:

Heat and moisture resistant polyvinylchloride (PVC) per UL Standard 83.

Conductor jacket:

Clear nylon, per UL Standard 83

Assembly:

Conductors cabled together with or without fillers as required to form a round compact cable core and with a binder tape.

Shield:

Aluminum-Mylar tape shield with drain wire.

Cable jacket:

Sunlight resistant PVC rated 90°C.

Flame test:

Cable passes IEEE 383 vertical tray ribbon burner flame test.

Connectors:

UN-D.3C. Copper free aluminum and BT-D.3C. Electroless nickel plated brass

[Click here to go back.](#)

[A: Bare Copper and Building Wire](#)

[B: Lead and High Temperature](#)

[C: Instrumentation and Thermocouple](#)

[D: Tray Cable Control and Power](#)

[E: Medium Voltage Power Cable](#)

[F: Flexible and Portable Cord](#)

[G: Armored Cable](#)

[H: Mining Cable](#)

[I: Voice, Data, and Premise Wire](#)

[J: Fiber Optic Cables](#)

[K: Cable Terminators](#)

[L: Technical Reference](#)

[M: Sales, Terms, and Conditions/Warranty](#)

[N: Outside Plant Communication](#)

[Terms and Conditions](#)



D-16

Type TC Shielded

**THHN/THWN-2 Insulation, PVC Jacket
Copper Conductors 600 Volt 90°C, Aluminum-Mylar Shield**



Description

(You may need to use your horizontal scrollbar if too much data is in this table.)

Request Quote	Catalog No.	Size AWG	No. of Conductors	No. of Strands	Drain Wire	Mils of Insulation PVC	Mils of Insulation Nylon	PVC Jacket Thickness Mils	Overall Diameter Inch	Net Weight - Lbs/Mft	BICC Explosion Proof Connector UN	BICC Explosion Proof Connector BT
<input type="checkbox"/>	D1601202	12	2	7	18	15	4	45	.435	105	424UN02	424BT02

- Tolerances -0% +10%

To request a quote, or add these items to your Shopping Cart, please click the "Submit" button. Any mistakes can be cleared using the "Clear Selections" button above.

[Click here to go back.](#)