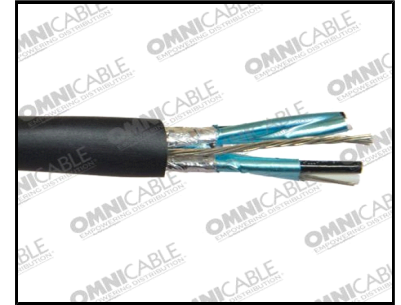


VNTC® Multiple Pairs Instrumentation Cable

VNTC® - Multiple Pairs
Individual & Overall Shield
90°C - 600 Volt - UL Type TC-ER



*Product images are for illustrative purposes only and may differ from the actual product.

Category Conductor Description:

- Annealed Bare Copper 7 Strands Class B

Pair Drain Wire:

- 7 Strand Tinned Copper

Drain Wire:

- 7 Strand Tinned Copper

Category Jacket Description:

- Black sunlight and oil-resistant Polyvinyl Chloride (PVC)

Standards:

- UL listed as Type TC-ER per UL Standard 1277 for tray cables
- Cable meets UL 1581 & 1202 (FT-4) 70,000 BTU/HR & ICEA T-29-520 210,000 BTU/HR requirements
- Meets ICEA S-73-532, where applicable
- All materials used in the manufacture

Category Insulation Description:

- Polyvinyl Chloride (PVC) & Nylon Black & White numbered pairs

Individual Shield:

- Foil Free Edged Aluminum Mylar Tape - 100% coverage

Overall Shield:

- Aluminum Mylar Tape - 100% coverage

Applications:

- Refer to NEC (NFPA 70) article 1277 for installation guidelines
- Cable is suitable for use in Class I Division II hazardous locations
- Individual conductors pass UL VW-1 flame test, rated THHN/THWN/VW-1
- UL approved for Direct Burial

Color Code Chart

# of Pairs	Color
1	Black, White & Numbered
2	Black, White & Numbered
3	Black, White & Numbered
4	Black, White & Numbered
5	Black, White & Numbered
6	Black, White & Numbered
7	Black, White & Numbered
8	Black, White & Numbered
9	Black, White & Numbered
10	Black, White & Numbered
11	Black, White & Numbered
12	Black, White & Numbered
13	Black, White & Numbered
14	Black, White & Numbered
15	Black, White & Numbered
16	Black, White & Numbered
17	Black, White & Numbered
18	Black, White & Numbered
19	Black, White & Numbered
20	Black, White & Numbered
21	Black, White & Numbered
22	Black, White & Numbered
23	Black, White & Numbered
24	Black, White & Numbered
25	Black, White & Numbered

Part Number Table

Part#	Gauge	Pairs	Insulation Thickness	Jacket Thickness	Outside Diameter Inches	Material Weight (Lbs./M')
L41802	18	2	0.015	0.045	0.373	82
L41803	18	3	0.015	0.045	0.435	105
L41804	18	4	0.015	0.045	0.445	135
L41806	18	6	0.015	0.06	0.578	195
L41808	18	8	0.015	0.06	0.599	246
L41812	18	12	0.015	0.06	0.725	371
L41816	18	16	0.015	0.08	0.891	465
L41820	18	20	0.015	0.08	0.912	559
L41824	18	24	0.015	0.08	1.003	666
L41836	18	36	0.015	0.08	1.221	954
L41850	18	50	0.015	0.08	1.411	1208
L41602	16	2	0.015	0.045	0.413	105
L41603	16	3	0.015	0.045	0.493	139
L41604	16	4	0.015	0.06	0.544	183
L41606	16	6	0.015	0.06	0.648	267
L41608	16	8	0.015	0.06	0.708	328
L41612	16	12	0.015	0.08	0.886	495
L41616	16	16	0.015	0.08	0.971	631
L41620	16	20	0.015	0.08	1.061	808
L41624	16	24	0.015	0.08	1.141	908
L41636	16	36	0.015	0.08	1.334	1313
L41650	16	50	0.015	0.08	1.571	1784
L41402	14	2	0.015	0.045	0.496	147
L41404	14	4	0.015	0.06	0.616	267
L41408	14	8	0.015	0.06	0.757	467
L41412	14	12	0.015	0.08	0.958	700
L41416	14	16	0.015	0.08	1.06	920
L41420	14	20	0.015	0.08	1.15	1107
L41424	14	24	0.015	0.08	1.291	1309
L41436	14	36	0.015	0.08	1.494	1582
L41450	14	50	0.015	0.11	1.774	2584

Note: The information in this specification sheet is approximate and subject to standard industry and manufacturer tolerances. Please verify specific requirements with your Omni Cable account manager.

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