



Control Consultants, Inc.



Low Voltage Wire & Cable

DESIGNED SPECIFICALLY FOR CCI INCLUDING:

- Building Automation
- Access Control/Security
- BACnet MS/TP
- LON
- Ethernet

FEATURES:

- CCI specified jacket colors and print legends for quick identification and troubleshooting.
- Sequential foot markings.
- Conveniently packaged pull boxes or reels.
- Plenum/Non-Plenum
- Manufactured in ISO 9002 certified plants.



Control Consultants, Inc. (CCI) is your source for low voltage wire & cable.

CONNECT ^{AIR} Wire and Cable

LOW VOLTAGE CABLE

Electronic Non-Shielded Plenum Cable

PART NUMBER	AWG/NO. OF CONDUCTORS	JACKET COLOR	FOOTAGE
W181P-2051	18/2	Various Colors/Stripes	1000
W183C-2052	18/3	Various Colors/Stripes	1000
W184C-2099	18/4	Various Colors/Stripes	1000
W186C-2054	18/6	Various Colors/Stripes	1000
W188C-2046	18/8	Various Colors/Stripes	1000
W1810C-2078	18/10	Various Colors/Stripes	1000
W1810C-2078/250	18/10	Various Colors/Stripes	250
W161P-2062RIB	16/2	Various Colors/Stripes	1000

Electronic Shielded Plenum Cable

PART NUMBER	AWG/NO. OF CONDUCTORS	JACKET COLOR	FOOTAGE
W181P-2040	18/2	Various Colors/Stripes	1000
W183C-2058	18/3	Various Colors/Stripes	1000
W184C-2059	18/4	Various Colors/Stripes	1000
W186C-2055	18/6	Various Colors/Stripes	1000
W188C-2030	18/8	Various Colors/Stripes	1000

LonWorks Level 4 Non-Shielded Plenum Cable

PART NUMBER	AWG/NO. OF CONDUCTORS	JACKET COLOR	FOOTAGE
W221P-2001B	22/2	Blue	1000
W221P-2001YB	22/2	Yellow	1000
W221P-2001YB/500	22/2	Yellow	500
W222P-2003RIB	22/2PR	Blue	1000
W181P-2028XRB (Trane)	18/2	Purple	1000
W161P-2130SG	16/2	White	1000

BACnet Shielded Plenum

PART NUMBER	AWG/NO. OF CONDUCTOR	JACKET COLOR	FOOTAGE
W241P-2000F (Alerton)	24/2	Orange	1000
W221P-2544 (Alerton)	22/2	Raspberry	1000
W223C-2560 (Alerton)	22/3	White	1000
W181P-2090ORRB <i>15pf/FT -10% 100 Ohms</i>	18//2	Orange	1000
W221P-2003ORRB (Honeywell Spyder) <i>12.5pf/FT 100 Ohms</i>	22/2	Orange	1000
W221P-2227 (Honeywell Spyder) <i>14.2pf/FT 91 Ohms +/- 10%</i>	22/2	Green	1000

Johnson Controls Shielded Plenum

PART NUMBER	AWG/NO. OF CONDUCTORS	JACKET COLOR	FOOTAGE
W223C-2144FCBLJC (FC Bus)	22/3	Blue	1000
W222P-2147BRNJC (SA Bus)	22/2PR	Brown	1000

VNTC Tray Cable 600V Direct Burial

PART NUMBER	AWG/NO. OF CONDUCTORS	JACKET COLOR	FOOTAGE
W181P-1105	18/2	Black	1000

Ethernet - Data/Telecom Communication

PART NUMBER	AWG/NO. OF CONDUCTORS	JACKET COLOR	FOOTAGE
W244P-2175 Cat5E Solid CMP Plenum	24/4PR	Various Colors	1000

Security - Tridium - Access Control

PART NUMBER	AWG/NO. OF CONDUCTORS	PLENUM/PVC	FOOTAGE
WSECCOMP-1825 - COMPOSITE	18/4 N/S-22/3PR SHD-22/ 2 N/S-22/4 N/S	PVC	1000
WSECCOMP-2825 - COMPOSITE	18/4 N/S-22/3PR SHD-22/ 2 N/S-22/4 N/S	PLENUM	1000

Cat 5E Stranded Patch Cords

PART NUMBER	CATEGORY	PLENUM/PVC	LENGTH
560-110-002	Cat5E	PVC	2'
560-110-003	Cat5E	PVC	3'

If you have requirements for materials not described on this page please call Control Consultants for specifications and pricing.

CONDUCTOR:

- Stranded bare or tinned copper per ASTM B-3, B-8 and B-286

INSULATION:

- Premium grade color coded polymer alloy

SHIELD:

- Multi-conductor: Overall polyester supported aluminum foil, plus a stranded tinned copper drain wire to facilitate grounding.
- Coaxial: Copper braid shield

JACKET:

- Premium grade natural polymer alloy
- Sequential footage markings to facilitate installation
- Suitable for use from 0°C-60°C and 33°F-140°F
- Suggested voltage rating of 300 VRMS (multi-conductor cable only)

APPLICATION:

- BACnet MS/TP
- LON
- Ethernet
- RS-485
- RS-232
- Field Devices

INDUSTRY APPROVALS:

- Plenum: Listed by UL as Type CMP and/or CL3P cables for use in NEC Article 800 and/or 725 installation.
- Non-Plenum: Listed by UL as Type CM and/or CMR

PACKAGING:

- 1,000 ft. (305m) pay-out cartons
- 1,000 ft. (305m) spools or reels
- 500 ft. put-ups available



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