

Special Application and Comm Cables for Building Automation Systems

PART NUMBER	GAUGE SIZE	NO. OF COND.	SHIELD	JACKET COLOR	APPLICATION	NOM. O.D. INCHES	WEIGHT
ALERTON®-PLENUM							
W241P-2000FBRSP	24	2	Yes	Raspberry	BACtalk® MS/TP, VLX-EXP Comm Bus, IBEX LAN	0.108	13 lbs.
W241P-2000FB	24	2	Yes	Orange	BACtalk® MS/TP, VLX-EXP Comm Bus, IBEX LAN	0.108	13 lbs.
W181P-2540	18	2	Yes	Mint Green	IBEX TUX Trunk/General Purpose/Inputs/Outputs	0.164	21 lbs.
W183C-2552	18	3	No	Blue	IBEX Microset	0.166	25 lbs.
W183C-2058BLRB	18	3	Yes	Blue	BACtalk® 3-wire Microset	0.169	28 lbs.
AUTOMATED LOGIC®							
W221P-2227RIB	22	2	Yes	Green*	ARC156 Comm Cable Plenum	0.138	14 lbs.
W224C-2160RIB	22	4	No	White	Logistat Cable Plenum	0.125	17 lbs.
<i>* Other jacket colors available upon request. Please consult sales office.</i>							
DAIKIN AC®- PLENUM							
W181P-2051	18	2	No	White*	Indoor Unit to Remote Control	0.155	14 lbs.
W161P-2062	16	2	No	White*	Indoor Unit to Remote Control	0.125	17 lbs.
<i>* Other jacket colors available upon request. Please consult sales office.</i>							
DELTA CONTROLS™ – PLENUM							
W241P-2000FRIB	24	2	Yes	Orange	Comm Cable	0.108	13 lbs.
W24182P-2306BL	24/18	2 pr	Yes	Blue	Combination Cable (24/1pr Comm + 18/2 Power)	0.308	26 lbs.
W201P-2053RIB	20	2	No	White	Sensor	0.138	12 lbs.
W204C-2065P	20	4	No	Purple	Sensor	0.161	21 lbs.
W181P-2051YRB	18	2	No	Yellow	Sensor	0.156	17 lbs.
W184C-2099P	18	4	No	Purple	Sensor	0.187	32 lbs.
DISTECH CONTROLS®- PLENUM							
W241P-2000FBLRB	24	2	Yes	Blue	BACnet® Comm Plenum	0.108	13 lbs.
W221P-2001GRIB	22	2	No	Green	LON™ Comm Plenum	0.122	12 lbs.
JOHNSON™- PLENUM							
W223C-2144FCBJC	22	3	Yes	Blue	FC Bus Plenum	0.131	16 lbs.
W222P-2147BRNJJC	22	2 pr	Yes	Brown	SA Bus Plenum	0.157	18 lbs.
W221P-2005	22	2	No	Various	Metasys® 2 cond Plenum	0.120	9 lbs.
W223C-2036	22	3	No	Various	Metasys® 3 cond Plenum	0.127	12 lbs.
W183C-2058BLBJC	18	3	Yes	Blue	N2 Blue Plenum	0.169	28 lbs.
W243P-2157	24	3 pr	No	White	Metasys® T-Stat 3 pair Cat-3 Plenum	0.150	13 lbs.
LON WORKS™ – PLENUM							
W221P-2001B	22	2	No	Blue*	LON™ 1 pair, Level 4, Unshielded, Plenum	0.122	12 lbs.
W221P-2002B	22	2	Yes	Blue*	LON™ 1 pair, Level 4, Shielded, Plenum	0.176	13 lbs.
W222P-2003B	22	2 pr	No	Blue	LON™ 2 pair, Level 4, Unshielded, Plenum	0.196	19 lbs.
W222P-2004B	22	2 pr	Yes	Blue	LON™ 2 pair, Level 4, Shielded, Plenum	0.240	23 lbs.
LON WORKS™ – NON-PLENUM							
W221P-1002B	22	2	No	Gray	LON™ 1 pair, Level 4, Unshielded, Non-Plenum	0.142	15 lbs.
W221P-1003B	22	2	Yes	Gray	LON™ 1 pair, Level 4, Shielded, Non-Plenum	0.213	15 lbs.
W222P-1004B	22	2 pr	No	Gray	LON™ 2 pair, Level 4, Unshielded, Non-Plenum	0.142	17 lbs.
W222P-1005B	22	2 pr	Yes	Gray	LON™ 2 pair, Level 4, Shielded, Non-Plenum	0.288	20 lbs.

TRADEMARK NOTICES:

LON™ and LonWorks™ are trademarks of Echelon Corporation.

BACnet® is a registered trademark of ASHRAE.

Metasys® is a registered trademark of Johnson Controls.

All other trademarks property of their respective owners.

Special Application and Comm Cables for Building Automation Systems

PART NUMBER	GAUGE SIZE	NO. OF COND.	SHIELD	JACKET COLOR	APPLICATION	NOM. O.D. INCHES	WEIGHT
LON/BACNET® WET LOCATION™							
W221P-1002PE	22	2	No	Black	LON™/BACnet® 1 pair, Unshielded Wet Location	0.198	15 lbs.
W221P-1003PE	22	2	Yes	Black	LON™/BACnet® 1 pair, Shielded Wet Location	0.200	17 lbs.
W222P-1005LT	22	2 pr	Yes	Black	LON™/BACnet® 2 pair, Shielded Wet Location	0.248	23 lbs.
MITSUBISHI ELECTRIC™							
W161P-2084	16	2	Yes	White, Yellow, Purple	CITY MULTI Plenum	0.179	27 lbs.
W201P-2053RIB	20	2	No	White	Thermostats	0.138	12 lbs.
W114-04VNTC	14	2	No	Black	Mr Slim Ductless/Residential	0.380	99 lbs.
PHOENIX CONTROLS®							
W223C-2060YPC	22	3	Yes	Yellow	BACnet® 3C MS/TP, Plenum	0.172	20 lbs.
RELIABLE CONTROLS®							
WR181P-2028XPNK	18	2	Yes	Pink	Network Wire – EIA-485 Plenum	0.179	25 lbs.
WR221P-2003RSPB	22	2	Yes	Raspberry	Network Wire – EIA-485 Plenum	0.173	18 lbs.
WR223C-2005RSPB	22	3	Yes	Raspberry	Network Wire – EIA-485 Plenum	0.177	23 lbs.
SIEMENS®							
W241P-5400BLNRB	24	2	Yes	Orange	BACnet® 2 conductor BLN Low Cap Comm Plenum	0.108	14 lbs.
W241P-5400FLNRB	24	2	Yes	Orange w/Blue Stripe	BACnet® 2 conductor FLN Low Cap Comm Plenum	0.108	14 lbs.
W241.5P-5400BLN	24	1.5	Yes	Orange	BACnet® 3 conductor BLN Low Cap Comm Plenum	0.203	19 lbs.
W242P-2108	24	2 PR	Yes-1/S	Orange	BACnet® 2 pair Low Cap Plenum		
W243P-2157	24	3 PR	No	White	TEC STAT 3 Pair Cat 3 Solid Plenum	0.150	13 lbs.
W201P-2053BLUSM	20	2	No	Blue	TEC V/D 2 conductor Plenum	0.138	12 lbs.
W221P-2001ORWS	22	2	No	Orange w/White Stripe	LON™ 2C Unshielded Plenum	0.122	12 lbs.
W181P-5041LAN	18	2	No	Blue	DI, DO, AI, AO 2 conductor Plenum	0.156	17 lbs.
W183C-5043LAN	18	3	No	Blue	DI, DO, AI, AO 3 conductor Plenum	0.166	25 lbs.
W141P-2013NVBL	14	2	No	Navy Blue	POWER Plenum	0.216	37 lbs.
TCS BASYS CONTROLS®							
W22185C-2816TC	20/18	5	Yes	White	TCS Basys® Plenum	0.268	41 lbs.
TRANE®							
W181P-2028XRB	18	2	Yes	Purple*	Comm 3/4 Plenum	0.179	25 lbs.
W181P-1060G	18	2	Yes	Neon Green	Comm 3/4 Non-Plenum	0.219	31 lbs.
W221P-2001B	22	2	No	Blue*	Comm 5, LON™, Level 4 Plenum	0.122	12 lbs.
W181P-2040	18	2	Yes	White*	2 conductor Sensor Plenum	0.164	21 lbs.
W183C-2058	18	3	Yes	White*	3 conductor Sensor Plenum	0.168	28 lbs.
W184C-2059RIB	18	4	Yes	White*	4 conductor Sensor Plenum	0.185	36 lbs.
W223C-2060XRIB	22	3	Yes	Dark Blue	Sensors	0.116	14 lbs.
* Other jacket colors available upon request. Please consult sales office.							
TREND®							
W8723-2	22	2 pr	Yes-1/S	Orange	Current Loop LAN 2 pair Plenum	0.135	20 lbs.
W8723-1	22	2 pr	Yes-1/S	Grey w/Orange Stripe	Current Loop LAN 2 pair Non-Plenum	0.160	21 lbs.
W9182-2	22	2	Yes	Orange	Current Loop LAN 1 pair Plenum	0.397	39 lbs.
W9182-1	22	2	Yes	Grey w/Orange Stripe	Current Loop LAN 1 pair Non-Plenum	0.297	45 lbs.
W8471-2	16	2	No	Orange	LON™ Plenum	0.166	28 lbs.
W8471-1	16	2	No	Grey w/Orange Stripe	LON™ Non-Plenum	0.266	43 lbs.
W241P-2000FB	24	2	Yes	Orange	MS/TP BACnet® Plenum	0.108	29 lbs.
*Non-Plenum Constructions available. Consult your sales office.							

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SPECIAL APPLICATION

Multi-Conductor, Unshielded, Tray Cable

Type TC, 600V

PART NUMBER	NO. OF COND	AWG. SIZE	NOM O.D.	WEIGHT
			INCHES	POUNDS
18 AWG CONDUCTORS				
W181P-1416	2	18	0.255	33 lbs.
WI83C-1052	3	18	0.280	43 lbs.
W184C-1054	4	18	0.310	52 lbs.
W186C-1497	6	18	0.360	72 lbs.
WI18-08VNTC	8	18	0.380	89 lbs.
16 AWG CONDUCTORS				
W161P-1047	2	16	0.280	42 lbs.
WI16-03VNTC	3	16	0.310	55 lbs.
WI16-04VNTC	4	16	0.340	69 lbs.
WI16-06VNTC	6	16	0.390	96 lbs.
WI16-08VNTC	8	16	0.390	122 lbs.
14 AWG CONDUCTORS				
W141P-1110	2	14	0.285	62 lbs.
WI14-03VNTC	3	14	0.350	80 lbs.
WI14-04VNTC	4	14	0.380	99 lbs.
WI14-06VNTC	6	14	0.450	140 lbs.

Note: Other gauge sizes and conductor counts are available - contact your sales office.

Product Construction

CONDUCTOR:

- Stranded bare copper

Insulation:

- Flame-Retardant PVC with Nylon

JACKET:

- Sunlight Resistant PVC
- Suitable for use to 90C (dry)

APPLICATIONS:

- Indoors
- Outdoors
- Direct Burial
- In ducts, conduits or cable trays
- Aerially

STANDARDS:

- UL Type TC
- Approved for class 1 remote-control and signalling circuits (NEC Art 725)

Multi-Conductor, Shielded, Tray Cable

Type TC, 600V

PART NUMBER	NO. OF COND	AWG. SIZE	NOM O.D.	WEIGHT
			INCHES	POUNDS
18 AWG CONDUCTORS				
W181P-1105	2	18	0.270	34 lbs.
W183C-1245	3	18	0.280	43 lbs.
W184C-1270	4	18	0.310	52 lbs.
W186C-1391	6	18	0.360	72 lbs.
W188C-1552	8	18	0.380	79 lbs.
16 AWG CONDUCTORS				
W161P-1276	2	16	0.290	43 lbs.
WI16-03SVNTC	3	16	0.310	55 lbs.
W164C-1428	4	16	0.340	69 lbs.
WI16-06SVNTC	6	16	0.390	96 lbs.
14 AWG CONDUCTORS				
WI14-02SVNTC	2	14	0.330	62 lbs.
WI14-03SVNTC	3	14	0.350	80 lbs.
WI14-04SVNTC	4	14	0.380	99 lbs.

Note: Other gauge sizes and conductor counts are available - contact your sales office.

Product Construction

CONDUCTOR:

- Stranded bare copper

Insulation:

- Flame-Retardant PVC with Nylon

SHIELD:

- Overall Aluminum-mylar tape with stranded

JACKET:

- Sunlight Resistant PVC
- Suitable for use to 90C (dry)

APPLICATIONS:

- Indoors
- Outdoors
- Direct Burial
- In ducts, conduits or cable trays
- Aerially

STANDARDS:

- UL Type TC
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