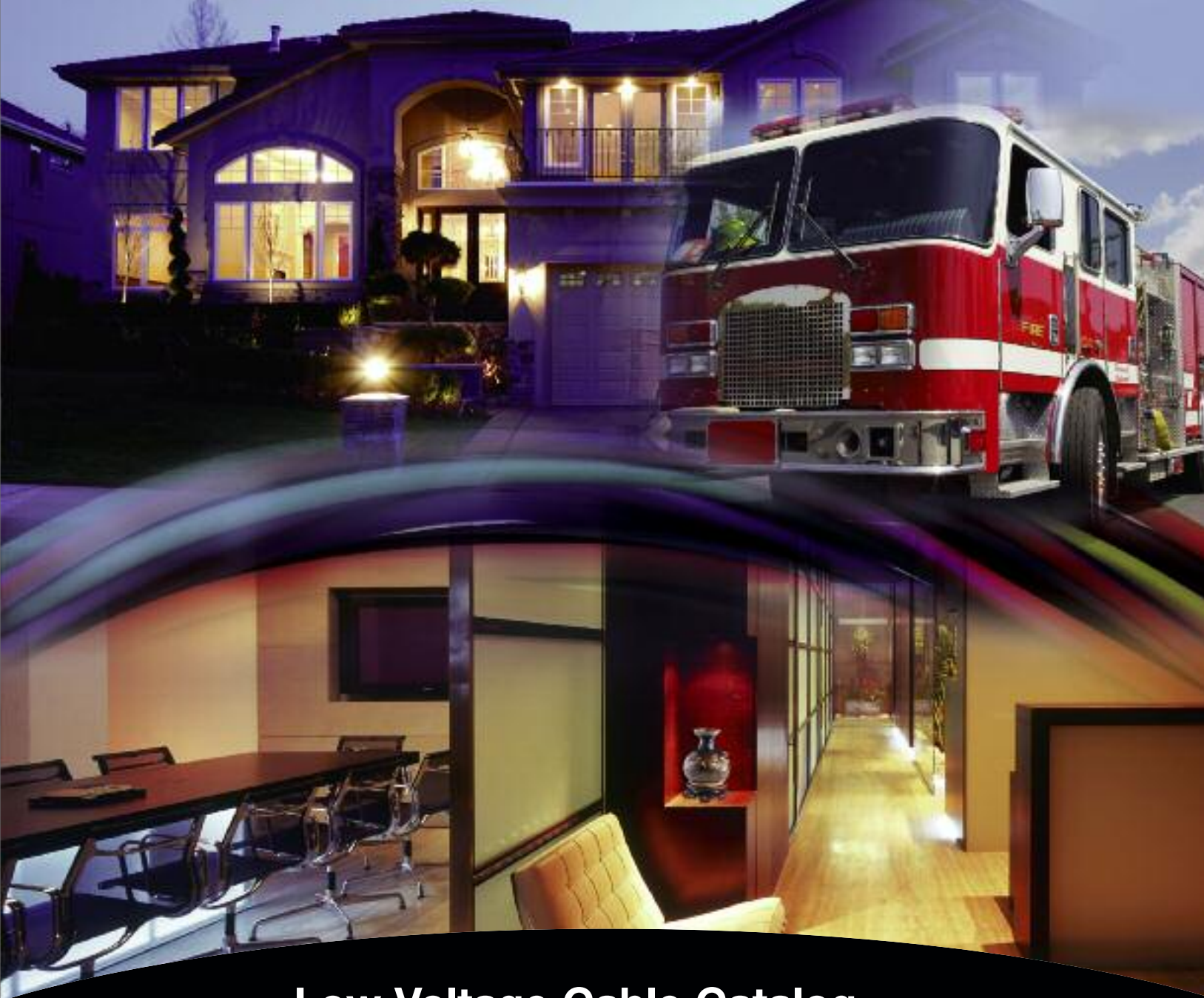


**Genesis® Series Cable**

**Honeywell**



**Low Voltage Cable Catalog**

# Genesis® Series Cable



## Select the best cable for that...

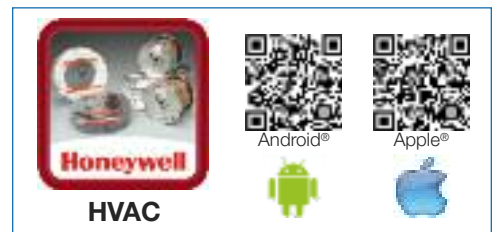
**Insist on quality and reliability you can trust. Insist on Honeywell Genesis Series Cable.**

Genesis Series Low Voltage Cables are produced with innovative equipment and technology in our state-of-the-art facility in Pleasant Prairie, Wisconsin. We offer a complete portfolio of quality Security, Fire, Sound, Video, Voice, Networking, HVAC and DataCom wire and cable to meet your business needs.

All Honeywell's Genesis Series cables are backed by the industry's only 3-for-1 guarantee.

**Whatever your application, we've got a cable for that!**

Scan the QR codes to download the Cable for That! apps for your iOS or Android™ device, and always know what cables you need for your application.



For more information please call **1-800-222-0060** or visit **www.honeywellcable.com**

# Honeywell

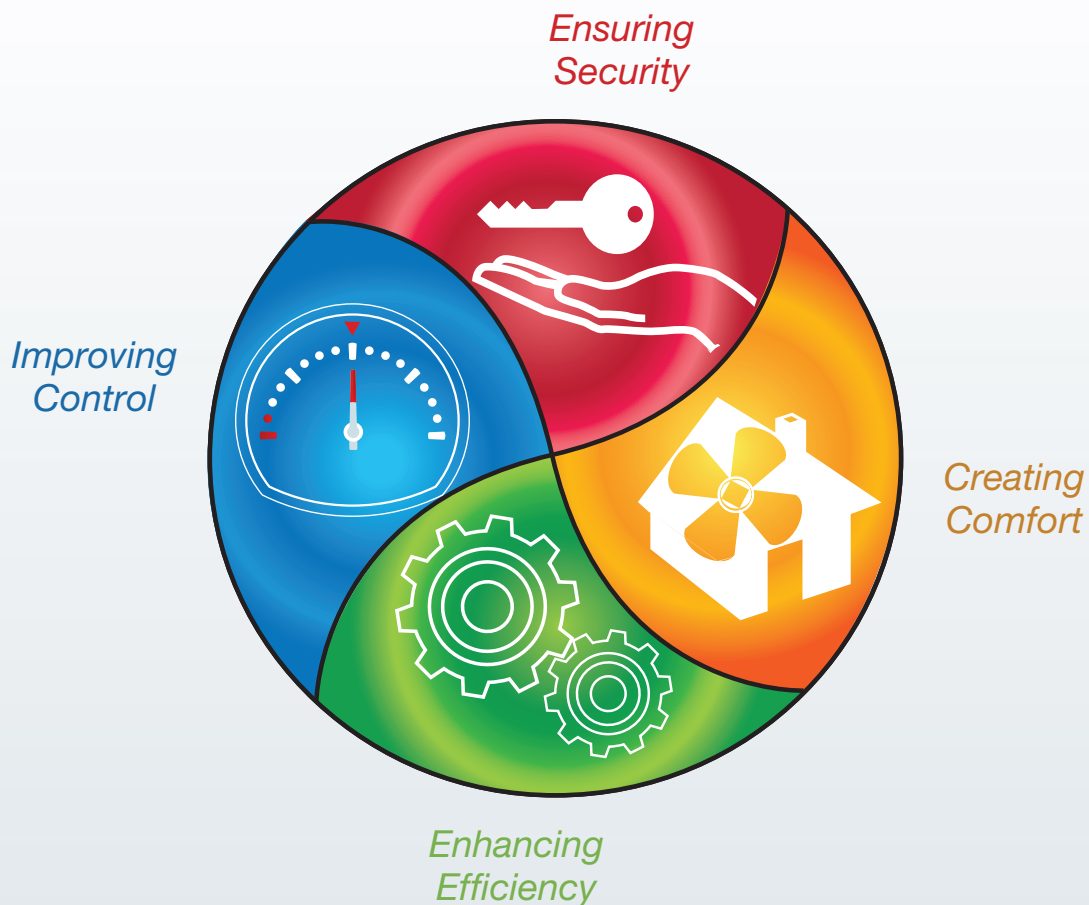
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## Our Commitment to You

At Honeywell Cable, we strive to be the most trusted, go-to brand for low-voltage cable and custom electronics in the security, electrical and HVAC markets. It is our mission to provide quality wiring products and responsive, reliable service to enable your success every day. Our world-class processes ensure you easily receive exactly what you need, when you need it, where you need it.



## Honeywell Cable is your partner of choice for low-voltage cable. Here's why:

We provide customers all over North and South America with industry-leading, high quality cable, including security, fire, control, thermostat, home theater, multimedia, networking and coax cables and structured wiring for homes and small offices. Our trusted experience, combined with the quality and reliability of our products, allows your customers to meet their existing and emerging connectivity challenges. We offer cables that fit every budget for virtually any installation, including security, HVAC, home automation and control, networking, fire and video applications.

And, our pioneering product development only scratches the surface – we know that a trustworthy partnership is a prerequisite to a mutually profitable business relationship. With this in mind, Honeywell Cable stands on the partnership principles of:

### Commitment

We're committed to you, our independent dealers, integrators and end-users.

### Innovation

We deliver the newest innovations, technologies and products.

### Support

We provide support and training to keep you ahead of the competition.

**You are our business, and we are your partner of choice.**

## Support from Honeywell Cable — 800-222-0060

Honeywell Cable's outstanding sales/customer service and technical support is second to none in the low voltage cable industry. We are equipped with an extensive network of services that include: toll-free technical support and customer service, online technical documents and cross reference.

### Toll-free Support:

Through our toll-free support line, customers get immediate help with troubleshooting and solutions from Honeywell Cable's product experts. Each call is treated with the utmost importance. This ensures that each customer gets the immediate response they need, when they need it most.

### Customer Service:

Honeywell Cable's customer service representatives and sales representatives stand ready to answer your questions. Customers can rest assured that our customer service department will support them through every stage of the process to ensure that they get the immediate and accurate response they need.

### Sales Support:

To help customers optimize the many features of their cable and structured solutions, Honeywell Cable provides on-site training for customers.

## Product Innovation

### WaveFLEX® Flexible Jacketing Technology

Honeywell Cable's patent-pending WaveFLEX jacketing makes cable easier than ever to strip—improving performance while reducing the likelihood of kinks and tearing braids or shielding. With incredible flexibility, the ridged jacketing makes termination a snap and is engineered to withstand the rigors of the most challenging installations while maintaining full UL specifications. The result? You'll save time, money and move on to the next job more quickly. What could be more appealing than that?

#### **CCTV Coaxial Cable:**

- Industry exclusive jacketing technology delivering more flexibility and easier terminations
- Countdown footage markings
- Camera and zone markings
- RoHS Compliant



#### **AUDACIOUS® Sound Cable:**

- Industry exclusive jacketing technology delivering more flexibility
- Easier to strip; making it less likely to nick conductors for optimal sound quality
- Oxygen-Free Copper for pure transmission area
- High strand count for prime flexibility and more surface area
- Countdown footage markings
- Channel, Room and Zone markings to minimize installation time
- RoHS Compliant



## Customer Testimonials



“American Protective Security has been in business 27 years and we value service, inventory, reliability, and price as very important factors from our suppliers and manufacturers. ADI and Honeywell Cable have provided these to my business for many years. Honeywell Cable is so reliable, that their cable quality is always a non-issue for our company, which has been very important to count on as the backbone for many of our installations for years.”

– Bob Harrison, APS (*Daytona Beach, FL*)

“We support Brian Stock and Genesis Cable because of the superior service we receive from this company. We receive shipments the next day from their convenient Pleasant Prairie, WI warehouse. Their fill rate is always close to 100%. They offer competitive pricing that keeps us in the ballgame. Genesis's selection of Fire Alarm, Coax, Electronic and Category cable is comprehensive to suit our diverse customer base. Genesis offers unique items and works with us to manufacture and create a market for several specialty cables. We will continue to support Genesis Cable in the future.”

– Jeff Robinson , BJ Electric Supply, Inc. (*Madison, WI*)

“S & S Systems takes great pride in being among the top installation companies in the Chicagoland area, we look at every job as being a reflection of our company and that is why we buy the best products available to us. We buy Honeywell equipment and Genesis wire by Honeywell. We get calls every month from vendors trying to sell us wire at discount prices but we choose to stay with Honeywell Genesis cable because of the high quality and competitive pricing they provide us day in & out.

When your reputation is on the line go with Honeywell Genesis cable.”

– Bruce Engel, S & S Systems (*Bensenville, IL*)

## Honeywell Cable Website - [www.honeywellcable.com](http://www.honeywellcable.com)

Many useful tools can be accessed through our website, [www.honeywellcable.com](http://www.honeywellcable.com). You will find links to Honeywell Cable's Low Voltage Cable Catalog, company and industry news, new product innovations and featured product information.

Other website offerings include:

- Product specs and literature available for download in PDF format
- Selection guides and competitor cross reference tables
- Distributor and dealer locator tool

## Customer Service

Honeywell Cable's Inside Sales team is here to help you with all your wire and cable questions and needs. A few of the support areas available include:

**Gross references:** comparing competitor parts

**Stock inquiries:** lead times, product availability

**Product knowledge:** technical data/information, applications for cables

**Process special requests:** minimums, color, details, labeling

**Dealer, representative and distributor information**

**Fulfill catalog and sample requests**

**Our representatives are available between 7:30 a.m. and 5:00 p.m. Central Standard Time.**

**No matter what your question, we welcome the opportunity to speak with you.**

**The nationwide toll-free phone number is 800-222-0060.**





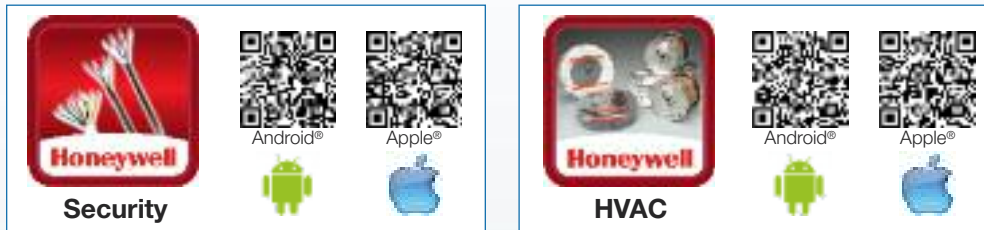
# Access on the Go

## Mobile Apps

Genesis Series Low Voltage Cables are produced with innovative equipment and technology in a state-of-the-art facility in Pleasant Prairie, Wisconsin. We offer a complete portfolio of quality Security, Fire, Sound, Video, Voice, Networking, HVAC and DataCom wire and cable to meet your business needs.

Download the Cable for That! apps for your iOS or Android™ device, and always know what cables you need for your application.

Whatever your application, "We've Got a Cable for That!"



## Mobile Website - [m.honeywellcable.com](http://m.honeywellcable.com)

Our newly launched mobile website, [m.honeywellcable.com](http://m.honeywellcable.com), is another way Honeywell Cable is committed to providing you the tools you need in order to be successful. Accessible from all mobile devices, our mobile website keeps the information you need at your fingertips.

### Mobile Tools Include:

- Product search
- Catalog and literature downloads
- Cable selection guides
- Product specs and information

***What you need, when you need it, where you need it.***



## Most Popular Cables

		PAGE
<b>SECURITY</b>		
22/2 STR CM/CL2	<b>1102</b>	10
22/4 SOL CM/CL2	<b>1103</b>	10
22/4 STR CM/CL2	<b>1104</b>	10
18/2 STR CM/CL2	<b>1118</b>	12
18/4 STR CM/CL2	<b>1119</b>	12
22/2 STR CMP/CL2P	<b>3102</b>	11
22/4 STR CMP/CL2P	<b>3104</b>	11
18/2 STR CMP/CL2P	<b>3114</b>	12
18/4 STR CMP/CL2P	<b>3115</b>	12

### ACCESS CONTROL

PROFUSION® (18/4 + 22/6 OAS + 22/2 + 22/4) CMP/CL2P	<b>3195</b>	22
PROFUSION® (18/4 + 22/6 OAS + 22/2 + 22/4) CM	<b>1198</b>	22

### HVAC/THERMOSTAT

18/2 SOL CL2	<b>4710</b>	31
18/3 SOL CL2	<b>4711</b>	31
18/4 SOL CL2	<b>4712</b>	31
18/5 SOL CL2	<b>4713</b>	31
18/6 SOL CL2	<b>4714</b>	31
18/8 SOL CL2	<b>4716</b>	31

### FIRE ALARM

22/4 SOL FPL	<b>4101</b>	36
18/2 SOL FPL	<b>4106</b>	36
18/4 SOL FPL	<b>4107</b>	36
16/2 SOL FPL	<b>4111</b>	37
16/4 SOL FPL	<b>4112</b>	37
14/2 SOL FPL	<b>4113</b>	37
18/2 SOL FPLR	<b>4306</b>	36
18/2 SOL FPLP	<b>4506</b>	36
18/4 SOL FPLP	<b>4507</b>	36
16/2 SOL FPLP	<b>4511</b>	37
16/4 SOL FPLP	<b>4512</b>	37
14/2 SOL FPLP	<b>4513</b>	37

### HOME THEATER

		PAGE
16/2 STR CM/CL2	<b>5250</b>	47
16/4 STR CM/CL2	<b>5251</b>	47
16/2 65STR CMR/CL3R	<b>5473</b>	45
16/4 65STR CMR/CL3R	<b>5474</b>	45

### NETWORKING/IP

24/4pr Cat 5e CMR	<b>5078</b>	57
24/4pr Cat 5e CMP	<b>5088</b>	57
24/4pr Cat 5e CM	<b>6330</b>	57
23/4pr Cat 6 Plus CMR	<b>5092</b>	56
23/4pr Cat 6 Plus CMP	<b>5102</b>	56
23/4pr Cat 6 CMR	<b>6360</b>	56
23/4pr Cat 6 CMP	<b>6361</b>	56

### COAXIAL/CATV/CCTV

RG6/U 18 AWG CCS DUAL-Shield CATV/CL2	<b>5003</b>	65
RG6/U 18 AWG CCS QUAD-Shield CATV/CL2	<b>5007</b>	64
RG59/U 95% BC Braid CL2	<b>5001</b>	66
RG59/U 95% BC Braid + 18/2 STR Siamese CL2	<b>5013</b>	67
RG59/U 95% BC Braid + 18/2 STR Siamese CL2P	<b>5355</b>	67
RG59/U 95% BC CCA Braid + 18/2 CL2	<b>6508</b>	67
Cat 5e UTP + 16/2 power CL2R	<b>5281</b>	68
Cat 5e UTP + 16/2 power CL2P	<b>5381</b>	68

### OUTDOOR CABLES

16/2 FPL Fire Alarm	<b>4151</b>	69
24/4 Cat 5e	<b>5090</b>	70
RG6/U CATV (QUAD)	<b>5106</b>	70

# Security Cables



Our multi-conductor cables are manufactured in a wide variety of gauge sizes, shielding configurations and jacketing materials including plenum, riser and general purpose. Applications for these cables include alarms, intercoms, speakers and other low voltage circuits that are power limited.

#### Features:

- Countdown or sequential footage markings
- New labeling system on boxes
- Color coded boxes
- Zone and room markings

#### Article 725/800\*:

Class 1, Class 2 and Class 3 remote-control, signaling and power limited circuits that are not an integral part of a device or appliance.

The scope of this article may include systems such as burglar alarm, access control, sound, nurse call, intercom circuits, some computer network systems, some control circuits for lighting dimmer systems, and some low voltage control circuits that originate from listed computer equipment.

#### General Purpose Cable:

Type CM, CL2, CMR, CL2R, CMP, CL2P.

Cables may be dual rated CM/CL2, CMR/CL2R, CMP/CL2P.

*\*See Article 800 for more information.*

**Multi-Conductor Cable – Unshielded**

**Construction:**

	Non-Plenum	Plenum
Conductors	Bare Copper	
Insulation	PP	Low-Smoke PVC
	Conductor Color Code Chart 1 (≤12 Conductors) Conductor Color Code Chart 2 (>12 Conductors)	
Jacket	PVC	Low-Smoke PVC



**Features:**

– Sunlight Resistant (Except Plenum)

**24 AWG – UNSHIELDED**

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – CM, CL2 LISTED</b>							
24	4	SOL	24	14	0.105	10	<b>1140</b>

**22 AWG – UNSHIELDED**

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – CM, CL2 LISTED</b>							
22	2	SOL	17.3	16	0.104	8	<b>1101</b>
22	2	STR	16.5	16	0.114	9	<b>1102</b>
22	4	SOL	17.3	16	0.116	14	<b>1103 *</b>
22	4	STR	16.5	16	0.133	15	<b>1104</b>
22	5	STR	16.5	16	0.145	19	<b>1105</b>
22	6	SOL	17.5	16	0.140	19	<b>1106</b>
22	6	STR	16.5	16	0.158	21	<b>1107</b>
22	8	SOL	17.5	16	0.152	25	<b>1108</b>
22	8	STR	16.5	16	0.172	28	<b>1109</b>
22	10	SOL	17.5	16	0.174	29	<b>1110</b>
22	10	STR	16.5	16	0.200	33	<b>1111</b>
22	12	SOL	17.3	16	0.182	35	<b>1112</b>
22	12	STR	16.5	16	0.204	40	<b>1113</b>

\* Color code: Black, Red, Green, Yellow

Multi-Conductor Cable – Unshielded (continued)

22 AWG – UNSHIELDED (continued)

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>RISER RATED – CMR, CL2R, FT4 LISTED</b>							
22	2	SOL	17.0	16	0.106	9	2101
22	2	STR	16.5	16	0.116	11	2102
22	4	SOL	17.3	16	0.120	14	2103 *
22	4	STR	16.6	16	0.135	16	2104
22	5	STR	16.6	16	0.145	18	2105
22	6	STR	16.5	16	0.158	21	2106
22	8	STR	16.5	16	0.174	28	2107
22	10	STR	16.5	16	0.202	35	2108
22	12	STR	16.5	16	0.208	37	2109
<b>PLENUM RATED – CMP, CL2P, FT6 LISTED</b>							
22	2	SOL	17.0	24	0.104	10	3101
22	2	STR	16.5	24	0.114	11	3102
22	3	STR	16.5	25	0.120	15	3127
22	4	SOL	17.5	24	0.116	15	3103
22	4	STR	16.5	24	0.133	17	3104
22	6	STR	16.5	24	0.158	24	3106
22	8	STR	16.5	24	0.172	30	3107
22	10	STR	16.5	24	0.200	37	3108
22	12	STR	16.5	24	0.204	43	3109

20 AWG – UNSHIELDED

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – CM, CL2 LISTED</b>							
20	4	STR	10.5	17	0.155	22	1117
<b>RISER RATED – CMR, CL2R, FT4 LISTED</b>							
20	2	STR	10.3	16	0.136	14	2112
20	4	STR	10.3	16	0.157	22	2113
<b>PLENUM RATED – CMP, CL2P, FT6 LISTED</b>							
20	2	STR	10.3	27	0.132	15	3112
20	3	STR	10.3	28	0.140	20	3128
20	4	STR	10.3	27	0.155	25	3113

\* Color code: Black, Red, Green, Yellow

**Multi-Conductor Cable – Unshielded (continued)**

**Construction:**

	Non-Plenum	Plenum
Conductors	Bare Copper	
Insulation	PP	Low-Smoke PVC
	Conductor Color Code Chart 1 (≤12 Conductors) Conductor Color Code Chart 2 (>12 Conductors)	
Jacket	PVC	Low-Smoke PVC

**Features:**

– Sunlight Resistant  
(Except Plenum)

**18 AWG – UNSHIELDED**

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – CM, CL2 LISTED</b>							
18	2	STR	6.5	18	0.148	18	<b>1118</b>
18	2	SOL	6.5	18	0.136	16	<b>1138</b>
18	3	STR	6.5	18	0.159	24	<b>1130</b>
18	4	STR	6.5	18	0.172	30	<b>1119</b>
18	6	STR	6.5	18	0.206	44	<b>1120</b>
18	8	STR	6.5	18	0.225	55	<b>1121</b>
18	10	STR	6.5	18	0.270	70	<b>1122</b>
18	12	STR	6.5	18	0.277	80	<b>1123</b>
<b>RISER RATED – CMR, CL2R, FT4 LISTED</b>							
18	2	STR	6.5	18	0.150	18	<b>2114</b>
18	4	STR	6.5	18	0.174	30	<b>2115</b>
18	6	STR	6.5	18	0.208	42	<b>2116</b>
18	8	STR	6.5	18	0.228	58	<b>2117</b>
18	10	STR	6.5	18	0.268	71	<b>2118</b>
18	12	STR	6.5	18	0.276	84	<b>2119</b>
<b>PLENUM RATED – CMP, CL2P, FT6 LISTED</b>							
18	2	STR	6.5	30	0.148	19	<b>3114</b>
18	2	SOL	6.5	30	0.136	18	<b>3134</b>
18	3	STR	6.5	29	0.159	26	<b>3126</b>
18	4	STR	6.5	30	0.172	33	<b>3115</b>
18	6	STR	6.5	30	0.212	47	<b>3116</b>
18	8	STR	6.5	30	0.232	61	<b>3117</b>
18	10	STR	6.5	30	0.270	75	<b>3118</b>
18	12	STR	6.5	30	0.277	88	<b>3119</b>

**Multi-Conductor Cable – Unshielded (continued)**

**16 AWG – UNSHIELDED**

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – CM, CL2 LISTED</b>							
16	2	STR	4.1	19	0.172	24	<b>1125</b>
16	4	STR	4.1	19	0.202	44	<b>1126</b>
<b>RISER RATED – CMR, CL2R, FT4 LISTED</b>							
16	2	STR	4.2	19	0.176	27	<b>2121</b>
16	4	STR	4.2	19	0.205	46	<b>2122</b>
<b>PLENUM RATED – CMP, CL2P, FT6 LISTED</b>							
16	2	STR	4.1	32	0.172	28	<b>3121</b>
16	3	STR	4.1	31	0.186	38	<b>3129</b>
16	4	STR	4.1	32	0.202	50	<b>3122</b>

**14 AWG – UNSHIELDED**

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – CM, CL2 LISTED</b>							
14	1	SOLID INSULATED GROUND WIRE				18	<b>1131</b>
14	2	STR	2.6	21	0.208	37	<b>1127</b>
<b>RISER RATED – CMR, CL2R, FT4 LISTED</b>							
14	2	STR	2.6	21	0.212	38	<b>2123</b>
14	4	STR	2.6	21	0.248	70	<b>2124</b>
<b>PLENUM RATED – CMP, CL2P, FT6 LISTED</b>							
14	2	STR	2.6	34	0.208	39	<b>3123</b>
14	3	STR	2.6	33	0.220	53	<b>3130</b>
14	4	STR	2.6	34	0.244	70	<b>3124</b>

**12 AWG – UNSHIELDED**

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – CM, CL2 LISTED</b>							
12	2	STR	1.6	21	0.264	55	<b>1129</b>
<b>PLENUM RATED – CMP, CL2P, FT6 LISTED</b>							
12	2	STR	1.6	35	0.265	61	<b>3125</b>

Unshielded

Unpaired Conductors

Security

**Multi-Conductor Cable – Overall Shielded (OAS)**

**Construction:**

	Non-Plenum	Plenum
Conductors	Bare Copper	
Shield	Al/Mylar with Drain Wire	
Insulation	PP	Low-Smoke PVC
	Conductor Color Code Chart 1 (≤12 Conductors) Conductor Color Code Chart 2 (>12 Conductors)	
Jacket	PVC	Low-Smoke PVC



**Features:**

– Sunlight Resistant (*Except Plenum*)

**22 AWG – SHIELDED**

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – CM, CL2 LISTED</b>							
22	2	STR	16.5	33	0.120	13	<b>1202</b>
22	4	STR	16.5	33	0.139	18	<b>1204</b>
22	6	STR	16.5	33	0.166	25	<b>1206</b>
22	8	STR	16.5	33	0.174	30	<b>1207</b>
22	10	STR	16.5	33	0.210	36	<b>1208</b>
22	12	STR	16.5	33	0.210	42	<b>1209</b>
<b>RISER RATED – CMR, CL2R, FT4 LISTED</b>							
22	2	SOL	17.5	11	0.112	11	<b>2201</b>
22	2	STR	16.5	12	0.120	12	<b>2202</b>
22	4	SOL	17.5	15	0.127	15	<b>2203</b>
22	4	STR	16.7	19	0.141	19	<b>2204</b>
22	6	STR	16.5	25	0.162	25	<b>2206</b>
22	8	STR	16.7	31	0.175	31	<b>2207</b>
22	10	STR	16.7	37	0.204	37	<b>2208</b>
22	12	STR	16.7	41	0.210	41	<b>2209</b>
<b>PLENUM RATED – CMP, CL2P, FT6 LISTED</b>							
22	2	SOL	17.0	45	0.108	13	<b>3201</b>
22	2	STR	16.5	45	0.120	14	<b>3202</b>
22	3	STR	16.6	45	0.130	17	<b>3227</b>
22	4	SOL	17.0	45	0.125	19	<b>3203</b>
22	4	STR	16.5	45	0.139	20	<b>3204</b>
22	6	STR	16.6	45	0.166	27	<b>3206</b>
22	8	STR	16.5	45	0.174	33	<b>3207</b>
22	10	STR	16.5	45	0.210	42	<b>3208</b>
22	12	STR	16.5	45	0.216	51	<b>3209</b>



## Multi-Conductor Cable – Overall Shielded (OAS) (continued)

## 20 AWG – SHIELDED

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – CM, CL2 LISTED</b>							
20	3	STR	10.5	37	0.144	21	<b>1227</b>
20	4	STR	10.5	37	0.159	24	<b>1213</b>
<b>PLENUM RATED – CMP, CL2P, FT6 LISTED</b>							
20	2	STR	10.3	48	0.138	19	<b>3212</b>
20	3	STR	10.3	54	0.138	22	<b>3228</b>
20	4	STR	10.3	48	0.159	27	<b>3213</b>

## 18 AWG – SHIELDED

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – CM, CL2 LISTED</b>							
18	2	STR	6.5	43	0.154	20	<b>1214</b>
18	3	STR	6.5	41	0.161	27	<b>1228</b>
18	4	STR	6.5	43	0.178	32	<b>1215</b>
18	6	STR	6.5	43	0.210	45	<b>1216</b>
18	8	STR	6.5	43	0.230	59	<b>1217</b>
18	10	STR	6.5	43	0.270	63	<b>1218</b>
<b>RISER RATED – CMR, CL2R, FT4 LISTED</b>							
18	2	STR	6.5	21	0.154	21	<b>2214</b>
18	4	STR	6.5	34	0.180	34	<b>2215</b>
18	6	STR	6.5	46	0.214	46	<b>2216</b>
18	8	STR	6.5	59	0.232	59	<b>2217</b>
18	10	STR	6.5	72	0.268	72	<b>2218</b>
18	12	STR	6.5	85	0.281	85	<b>2219</b>
<b>PLENUM RATED – CMP, CL2P, FT6 LISTED</b>							
18	2	STR	6.5	62	0.154	23	<b>3214</b>
18	3	STR	6.5	58	0.161	29	<b>3226</b>
18	4	STR	6.5	62	0.178	33	<b>3215</b>
18	5	STR	6.5	60	0.197	39	<b>3276</b>
18	6	STR	6.5	62	0.216	50	<b>3216</b>
18	8	STR	6.5	62	0.230	61	<b>3217</b>
18	10	STR	6.5	62	0.270	79	<b>3218</b>
18	12	STR	6.5	62	0.283	90	<b>3219</b>

**Multi-Conductor Cable – Overall Shielded (OAS) (continued)**

**Construction:**

	Non-Plenum	Plenum
Conductors	Bare Copper	
Shield	Al/Mylar with Drain Wire	
Insulation	PP	Low-Smoke PVC
	Conductor Color Code Chart 1 (≤12 Conductors) Conductor Color Code Chart 2 (>12 Conductors)	
Jacket	PVC	Low-Smoke PVC

**Features:**

– Sunlight Resistant  
(Except Plenum)

**16 AWG – SHIELDED**

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – CM, CL2 LISTED</b>							
16	2	STR	4.1	43	0.178	32	<b>1221</b>
16	3	STR	4.1	43	0.184	41	<b>1229</b>
16	4	STR	4.1	46	0.202	44	<b>1222</b>
<b>RISER RATED – CMR, CL2R, FT4 LISTED</b>							
16	2	STR	4.2	32	0.180	32	<b>2221</b>
16	4	STR	4.2	51	0.209	51	<b>2222</b>
<b>PLENUM RATED – CMP, CL2P, FT6 LISTED</b>							
16	2	STR	4.2	71	0.178	34	<b>3221</b>
16	4	STR	4.2	71	0.202	57	<b>3222</b>

**14 AWG – SHIELDED**

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – CM, CL2 LISTED</b>							
14	2	STR	2.6	46	0.214	45	<b>1223</b>
<b>RISER RATED – CMR, CL2R, FT4 LISTED</b>							
14	2	STR	2.6	46	0.216	46	<b>2223</b>
14	4	STR	2.6	76	0.252	76	<b>2224</b>
<b>PLENUM RATED – CMP, CL2P, FT6 LISTED</b>							
14	2	STR	2.6	75	0.214	45	<b>3223</b>
14	3	STR	2.6	63	0.222	60	<b>3230</b>
14	4	STR	2.6	75	0.248	76	<b>3224</b>

### Zipcord

**Construction:**

- Bare Copper Conductor
- Flexible PVC Jacket

**Features:**

- Sunlight Resistant
- One Conductor Ribbed for Polarity



AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – CM, CL2, FT4 LISTED</b>							
22	2	STR	16.5	15	0.074 x 0.164	9	<b>1002</b>
18	2	STR	6.5	20	0.090 x 0.190	18	<b>1004</b>
16	2	STR	4.2	22	0.100 x 0.200	24	<b>1005</b>

### Unjacketed Cables

**Construction:**

- One Bare Copper and One Tinned Copper Conductor
- PVC Insulation

**Features:**

- One Conductor Ribbed for Polarity



AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – CM, CL2 LISTED</b>							
22	2	STR	16.5	14	0.147	10	<b>1051</b>
20	2	STR	10.5	16	0.165	15	<b>1052</b>
18	2	STR	6.1	17	0.183	20	<b>1053</b>

**Multi-Pair Cables – Unshielded**

**Construction:**

	Non-Plenum	Plenum
Conductors	Twisted Bare Copper Pairs	
Insulation	PP Conductor Color Code Chart 3	Low-Smoke PVC
Jacket	PVC	Low-Smoke PVC



**Features:**

– Sunlight Resistant (*Except Plenum*)

**22 AWG – UNSHIELDED**

AWG	# PAIRS	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – CM, CL2 LISTED</b>							
22	2	SOL	17.0	16	0.160	15	<b>1248 *</b>
22	2	STR	16.5	16	0.178	18	<b>1234</b>
22	3	SOL	17.0	16	0.172	19	<b>1235</b>
22	4	SOL	17.0	16	0.190	26	<b>1237</b>
22	6	SOL	17.0	16	0.226	36	<b>1238</b>
<b>RISER RATED – CMR, CL2R, FT4 LISTED</b>							
22	1	STR	16.5	16	0.114	10	<b>2232</b>
22	2	SOL	17.0	16	0.150	20	<b>2233</b>
22	2	STR	16.5	16	0.140	21	<b>2234 E</b>
22	3	SOL	17.0	16	0.174	20	<b>2235</b>
22	3	STR	17.0	16	0.199	23	<b>2236</b>
22	4	SOL	17.0	16	0.186	26	<b>2237</b>
22	6	SOL	17.0	16	0.238	36	<b>2238</b>
22	6	STR	16.5	16	0.255	40	<b>2239</b>
<b>PLENUM RATED – CMP, CL2P, FT6 LISTED</b>							
22	1	SOL	17.0	24	0.110	10	<b>3231</b>
22	2	STR	16.5	45	0.188	18	<b>3246</b>
22	3	STR	17.0	25	0.196	23	<b>3247</b>
22	4	STR	16.5	45	0.220	30	<b>3248</b>
22	6	STR	16.5	45	0.270	42	<b>3249</b>
22	2	STR	16.5	62	0.190	20	<b>3270 **</b>

**18 AWG – UNSHIELDED**

AWG	# PAIRS	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – CM, CL2 LISTED</b>							
18	2	STR	6.5	17	0.240	40	<b>1245</b>
18	3	STR	6.5	17	0.260	47	<b>1246</b>
18	4	STR	6.5	17	0.290	59	<b>1247</b>

\* Color code: Red/Green, Black/Yellow

\*\* 1 Pair Shielded, 1 Pair Unshielded

**Multi-Pair Cables – Overall Shielded (OAS)**

**Construction:**

	Non-Plenum	Plenum
Conductors	Twisted Bare Copper Pairs	
Shield	Al/Mylar with Drain Wire	
Insulation	PP Conductor Color Code Chart 3	Low-Smoke PVC
Jacket	PVC	Low-Smoke PVC



**Features:**

- Sunlight Resistant (*Except Plenum*)

**22 AWG – OVERALL SHIELDED (OAS)**

AWG	# PAIRS	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – CM, CL2 LISTED</b>							
22	2	SOL	17.0	33	0.165	19	<b>1280</b>
22	3	SOL	17.0	33	0.178	26	<b>1282</b>
<b>RISER RATED – CMR, CL2R, FT4 LISTED</b>							
22	2	SOL	17.0	33	0.156	17	<b>2280</b>
22	2	STR	16.5	33	0.176	19	<b>2281</b>
22	3	SOL	17.0	33	0.180	23	<b>2282</b>
22	3	STR	16.5	33	0.202	24	<b>2283</b>
22	6	SOL	17.0	33	0.230	43	<b>2284</b>
<b>PLENUM RATED – CMP, CL2P, FT6 LISTED</b>							
22	2	SOL	17.0	45	0.156	20	<b>3280</b>
22	2	STR	16.5	45	0.176	22	<b>3281</b>
22	3	SOL	17.0	45	0.180	24	<b>3282</b>
22	3	STR	16.5	45	0.202	26	<b>3283</b>
22	6	SOL	17.0	45	0.240	49	<b>3284</b>
22	6	STR	16.5	45	0.272	53	<b>3285</b>

**18 AWG – OVERALL SHIELDED (OAS)**

AWG	# PAIRS	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – CM, CL2 LISTED</b>							
18	3	STR	6.5	40	0.265	51	<b>1290</b>
18	4	STR	6.5	40	0.295	64	<b>1291</b>

Overall Shielded (OAS)

Paired Conductors

Security

**Multi-Pair Cables – Each Pair Shielded (EPS)**

**Construction:**

	Non-Plenum	Plenum
Conductors	Twisted Bare Copper Pairs	
Shield	Each Pair Al/Mylar with Drain Wire	
Insulation	PP Conductor Color Code Chart 3	Low-Smoke PVC
Jacket	PVC	Low-Smoke PVC



**Features:**

– Sunlight Resistant (*Except Plenum*)

**22 AWG – EACH PAIR SHIELDED (EPS)**

AWG	# PAIRS	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – CM, CL2 LISTED</b>							
22	2	SOL	17.0	33	0.170	22	<b>1263</b>
22	2	STR	16.5	33	0.192	23	<b>1264</b>
22	3	STR	16.0	33	0.197	31	<b>1266</b>
<b>RISER RATED – CMR, CL2R, FT4 LISTED</b>							
22	2	SOL	17.0	33	0.172	22	<b>2263</b>
22	2	STR	16.5	33	0.194	23	<b>2264</b>
22	3	SOL	17.0	30	0.181	32	<b>2265</b>
22	3	STR	16.0	33	0.200	36	<b>2266</b>
22	4	SOL	17.0	30	0.200	38	<b>2267</b>
<b>PLENUM RATED – CMP, CL2P, FT6 LISTED</b>							
22	1	STR	16.5	45	0.120	14	<b>3262</b>
22	2	SOL	17.0	45	0.172	24	<b>3263</b>
22	2	STR	16.5	45	0.194	24	<b>3264</b>
22	3	SOL	16.5	45	0.183	33	<b>3265</b>
22	3	STR	16.5	45	0.200	35	<b>3266</b>
22	4	SOL	17.0	45	0.201	39	<b>3267</b>
22	6	SOL	17.0	45	0.244	57	<b>3268</b>

**18 AWG – EACH PAIR SHIELDED (EPS)**

AWG	# PAIRS	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – CM, CL2 LISTED</b>							
18	2	STR	6.4	45	0.252	41	<b>1273</b>
18	3	STR	6.5	45	0.268	56	<b>1274</b>

# Control Cables



As Access Control and Building Automation Systems become more intelligent, quality cable becomes an even more important factor. Honeywell Genesis® Series Cable offers control cables that are manufactured to the highest quality standards and are recommended to ensure optimal system performance. Our cables are produced with innovative equipment and technology from our state-of-the-art facility. As one of the leading manufacturers in low voltage cabling, we stand behind our promise to provide products that will exceed your expectations. Honeywell Cable also offers specialized control cables that meet the requirements for Lutron® and Crestron® systems, BACnet and Echelon® LonWorks.

#### Features:

- Countdown or sequential footage markings
- New labeling system on boxes
- Color coded boxes
- Zone and room markings

#### Article 725/800\*:

Class 1, Class 2 and Class 3 remote-control, signaling and power limited circuits that are not an integral part of a device or appliance.

The scope of this article may include systems such as burglar alarm, access control, sound, nurse call, intercom circuits, some computer network systems, some control circuits for lighting dimmer systems, and some low voltage control circuits that originate from listed computer equipment.

*\*See Article 800 for more information.*

*Lutron is a registered trademark of Lutron Electronics Co., Inc.  
Crestron is a registered trademark of Crestron Electronics, Inc.*

**PROFUSION® Access Control Cables**

**Construction:**

- PROFUSION® Unjacketed Composite Construction
- Reduces Cold Weather Cracking and Cable Separation
- Dramatically Reduces Installation Time



**PROFUSION® Access Control Cables**

Application	Sub-Application	Description	GENERAL PURPOSE CM LISTED	PLENUM RATED CMP LISTED
<b>Access Point (Standard)</b>	Door Strike	18/4 STR	<b>1198</b>	<b>3195</b>
	Card Reader	22/6 STR OAS		
	Door Contact	22/2 STR		
	Request-to-Exit	22/4 STR		
<b>Access Point (Noise Sensitive)</b>	Door Strike	18/4 STR OAS	<b>1298</b>	<b>3295</b>
	Card Reader	22/6 STR OAS		
	Door Contact	22/2 STR OAS		
	Request-to-Exit	22/4 STR OAS		



## Crestron® Control Cables

Honeywell Genesis® Series Cable offers specialized control cables for Crestron Systems. These bundled cables facilitate fast and easy wiring for Crestron AV distribution switches, room solution boxes, intercoms and touch panels. The constructions with RGB cable allow for distribution of CATV, satellite, broadband, or modulated video.



Consult factory for packaging options.

### CONTROL CABLES FOR CRESTRON SYSTEMS

COMPARABLE TO	DESCRIPTION	JACKET COLOR	NOM. O.D. (in)	AVG. WT. PER MFT (lbs)	PART #
<b>CRESCAT-NP</b>					
Control Cable	22/1pr Low Cap + 18/2	Teal/Red Stripe	0.485	78	1270
Data Cable	Cat 5e 350 MHz				
<b>CRESCAT-D-NP</b>					
Control Cable	22/1pr Low Cap + 18/2	Teal/Black Stripe	0.530	105	1278
Data Cable	2 x Cat 5e 350 MHz				
<b>CRESCAT-Q-NP</b>					
Control Cable	22/1pr Low Cap + 18/2	Teal/White Stripe	0.680	145	1279
Data Cable	4 x Cat 5e 350 MHz				
<b>CRESCAT-DC-NP</b>					
Control Cable	22/1pr Low Cap + 18/2	Teal/Orange Stripe	0.800	194	1272
Data Cable	2 x Cat 5e 350 MHz				
Coax Cable	2 x RG6				

### DESIGNED FOR USE WITH CRESTRON TOUCH PANELS, KEYPADS, EXPANSION MODULES, TUNERS AND MORE

<b>CRESNET-NP</b>					
Control Cable	22/1pr Low Cap + 18/2 Power	Blue/Yellow Stripe	0.280	33	1244

### DESIGNED TO PROVIDE A SIGNAL-CABLE SOLUTIONS FOR WIRING OF MEDIA SYSTEMS

<b>CRESCAT-IM-P</b>					
Control Cable	24/4pr Cat 5e 100 MHz CMP	Blue	0.200	27	5088

### DIMMER CONTROL CABLE

Control Cable	22/1pr	Gray	0.120	13	1202
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## Lutron® Control Cables

Honeywell Genesis® Series Cable offers specialized lighting control cables for Lutron Systems. These cables are specifically designed to meet the Lutron cable standards.

Consult factory for packaging options.



STYLE	CONSTRUCTION	SHIELD	JACKET COLOR	PART #
<b>GENERAL PURPOSE – CM LISTED</b>				
HomeWorks® Dimmer & Switch	18/2 STR BC	Al/Mylar TC Drain	Gray	<b>1214</b>
HomeWorks Dimmer & Switch	18/4 STR BC	Al/Mylar TC Drain	Gray	<b>1215</b>
Vareo® Dimmer & Switch	22/2 STR 7/30 BC	Al/Mylar TC Drain	Gray	<b>1202</b>
Keypad Data/GRAFIK Eye® 3000	22/1pr Low Cap Data 18/2 Power	Al/Mylar TC Drain	Blue/Yellow Stripe	<b>1244</b>
GRAFIK Eye 4000/6000	22/1pr Low Cap Data 12/2 Power 18/1 Ground	Al/Mylar TC Drain	Blue	<b>1260</b>
Sivoia® Shades	18/4 BC 16/2 BC 18/1 BC	Al/Mylar TC Drain None None	Blue/Red Stripe	<b>1287</b>
<b>PLENUM RATED – CMP LISTED</b>				
HomeWorks Dimmer & Switch	18/2 STR 16/30 BC	Al/Mylar TC Drain	White	<b>3214</b>
HomeWorks Dimmer & Switch	18/4 STR 16/30 BC	Al/Mylar TC Drain	White	<b>3215</b>
Vareo Dimmer & Switch	22/2 STR 7/30 BC	Al/Mylar TC Drain	White	<b>3202</b>

Home Automation Cables

**Construction:**

- Stranded Bare Copper Conductors
- Unshielded Pair for Power
- Shielded Pair for Data
- Polypropylene Insulation
- PVC Jacket

**Features:**

- Sunlight Resistant



POWER	DATA	JACKET COLOR	AVG. WT. PER MFT (lbs)	PART #
<b>GENERAL PURPOSE – CM, CL2 LISTED</b>				
18 AWG/ 1PR BC Unshielded	22 AWG/ 1PR BC Shielded	Green	30	1243

**BACnet® Cables**



**Construction:**

- Stranded Bare Copper or Tinned Copper Conductor Pairs
- FEP Insulation
- Aluminum/Mylar Shield with Drain Wire
- Low-Smoke Plenum PVC Jacket
- Consult factory for available colors



AWG	# PAIRS	CONDUCTOR MATERIAL	IMPEDANCE	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in)	AVG. WT. PER MFT (lbs)	PART #
<b>PLENUM RATED - CMP, CL2P, FT6 LISTED</b>								
22	1	TC	100	16.5	14.5	0.185	20	<b>3251</b>
24	1	BC	115	24	12.5	0.164	15	<b>3319</b>
22	1	BC	115	15	12.5	0.165	14	<b>3320</b>
18	1	BC	115	6.5	12.0	0.254	31	<b>3322</b>
24	1.5	BC	115	24	12.5	0.185	21	<b>3323</b>
22	1.5	BC	115	15	12.5	0.173	17	<b>3324</b>
22	2	BC	115	15	12.5	0.192	21	<b>3328</b>

**Echelon® LonWORKS® Control Cables**

**Construction:**

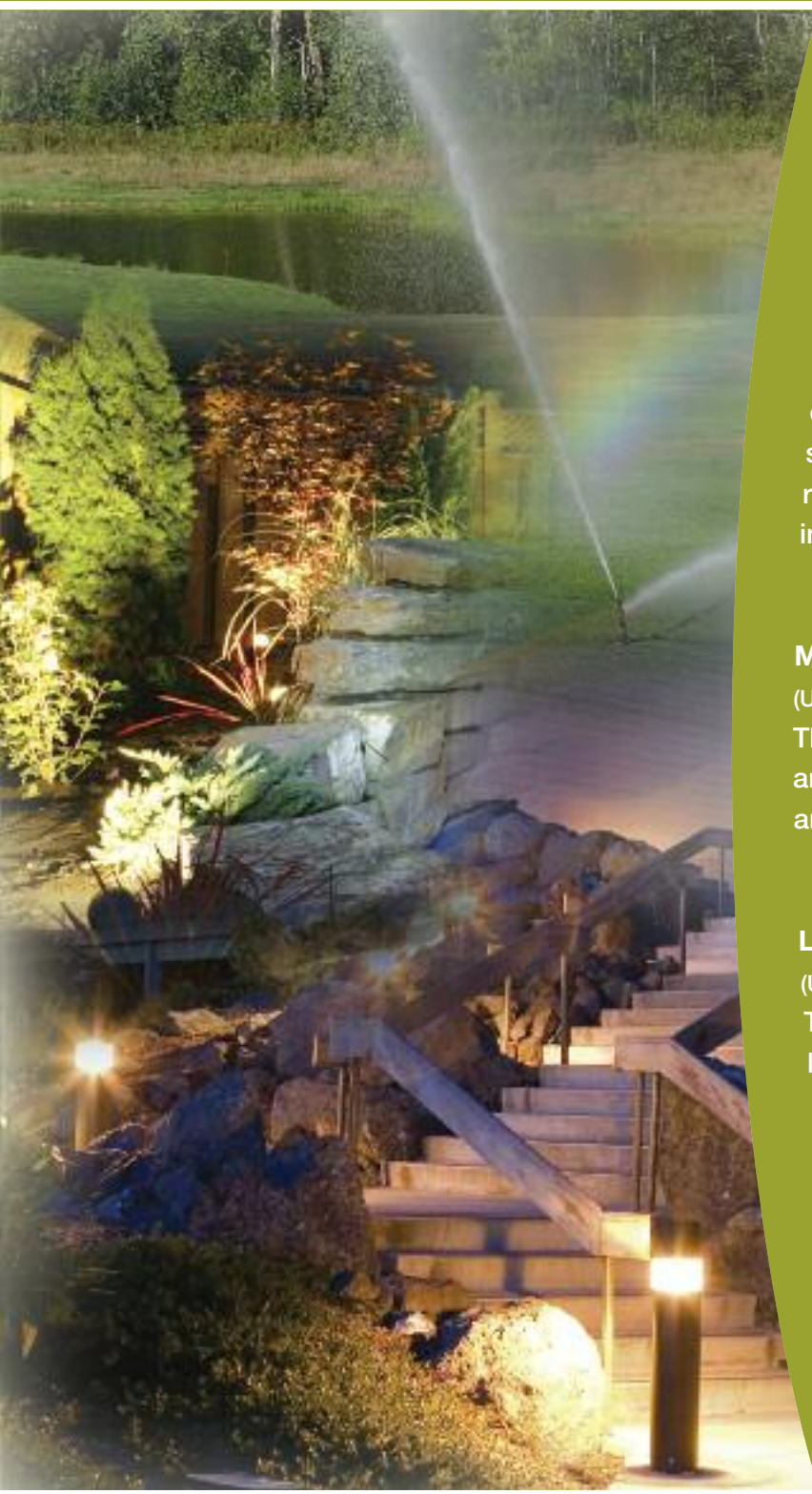
- Stranded Bare Copper Conductor Pairs
- Unshielded or Al/Mylar Overall Shielded



AWG	# PAIRS	SHIELD	IMPEDANCE (Ohms)	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in)	AVG. WT. PER MFT (lbs)	PART #
<b>GENERAL PURPOSE - CM, CL2 LISTED</b>								
22	1	Unshielded	100	16.5	15	0.130	11	<b>1061</b>
22	2	Unshielded	100	16.5	15	0.190	17	<b>1062</b>
22	1	OAS	100	16.5	15	0.204	14	<b>1063</b>
<b>PLENUM RATED - CMP, CL2P, FT6 LISTED</b>								
22	1	Unshielded	100	16.5	15	0.124	11	<b>3252</b>
22	2	Unshielded	100	16.5	15	0.196	19	<b>3253</b>
22	1	OAS	100	16.5	15	0.192	19	<b>3254</b>
22	2	OAS	100	16.5	15	0.265	30	<b>3255</b>

Echelon and LonWORKS are trademarks of Echelon Corporation registered in the United States and other countries.

# Irrigation, Tracer & Lighting Cables



## **Single Conductor Sprinkler and Tracer Wire:**

(UL Listed Sprinkler and Tracer Wire 600V)

These cables are designed for underground applications where harsh conditions may be encountered. One of the common uses is for tracer wire. Typically, yellow tracer wire is used to mark gas pipes, blue to mark water pipes, orange to mark fiber optic cables and green for sewage lines. Another use is for connecting the remote control valves to an irrigation controller in a golf course sprinkler system.

## **Multi Conductor Sprinkler Cable:**

(UL Listed Direct Burial Solid Bare Copper 30V)

These underground multi conductor cables are used to control the valves in residential and commercial irrigation systems.

## **Landscape Lighting Cable:**

(UL Listed Underground Low Energy Circuit Cable 150V)

These cables are used for low-voltage direct burial lighting applications.

## Irrigation & Tracer Cables

**Construction:**

- Bare Copper Conductor
- Polyethylene Insulation



AWG	# COND	STR/SOL	AVG. WT. PER MFT (lbs)	PART #
<b>DIRECT BURIAL - 600V RATED</b>				
18	1	SOL	11	<b>1301</b>
14	1	SOL	20	<b>1303</b>
12	1	SOL	28	<b>1304</b>

## Underground Lighting Cables

**Construction:**

- Stranded Bare Copper Conductors
- Heavy Wall, Integral Zip Construction
- PVC Jacket



**Features:**

- Sunlight Resistant

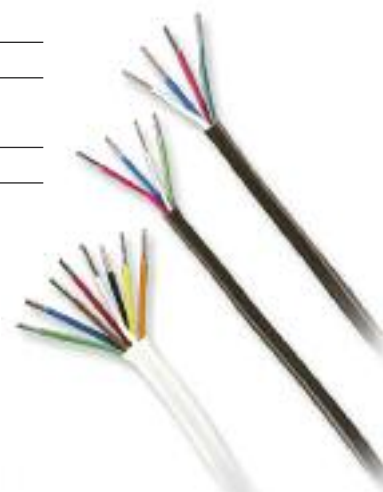
AWG	# COND	NOM. O.D. (in)	AVG. WT. PER MFT (lbs)	PART #
<b>DIRECT BURIAL - 150V RATED</b>				
14	2	0.165 x 0.345	50	<b>1021</b>
12	2	0.190 x 0.390	82	<b>1019</b>
10	2	0.220 x 0.440	120	<b>1018</b>
8	2	0.295 x 0.590	225	<b>1017</b>



## Thermostat Cables

### Construction:

	Non-Plenum	Plenum
Conductors	Solid Bare Copper	
Insulation	PP Conductor Color Code Chart 6	Low-Smoke PVC
Jacket	PVC	Low-Smoke PVC



### Features:

- Sunlight Resistant (*Except Plenum*)
- Braided Ripcord

### 20 AWG

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. PER (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – CL2 LISTED</b>							
20	2	SOL	10.3	17	0.118	11	<b>4701</b>
20	3	SOL	10.3	17	0.124	14	<b>4702</b>
20	4	SOL	10.3	17	0.136	18	<b>4703</b>
20	5	SOL	10.3	17	0.148	20	<b>4704</b>
20	6	SOL	10.5	17	0.161	24	<b>4705</b>
20	7	SOL	10.5	17	0.161	27	<b>4706</b>
20	8	SOL	10.5	17	0.174	31	<b>4707</b>
20	10	SOL	10.5	17	0.204	39	<b>4709</b>





Thermostat Cables (continued)

18 AWG

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. PER (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – CL2 LISTED</b>							
18	2	SOL	6.5	19	0.136	16	<b>4710</b>
18	3	SOL	6.5	19	0.144	21	<b>4711</b>
18	4	SOL	6.5	19	0.157	26	<b>4712</b>
18	5	SOL	6.5	19	0.172	32	<b>4713</b>
18	6	SOL	6.5	19	0.188	38	<b>4714</b>
18	7	SOL	6.5	19	0.188	44	<b>4715</b>
18	8	SOL	6.5	19	0.204	50	<b>4716</b>
18	9	SOL	6.5	19	0.220	55	<b>4717</b>
18	10	SOL	6.5	19	0.240	61	<b>4718</b>
18	12	SOL	6.5	19	0.248	74	<b>4719</b>
<b>PLENUM RATED – CMP, CL2P, FT6 LISTED</b>							
18	2	SOL	6.5	28	0.136	17	<b>4760</b>
18	3	SOL	6.5	28	0.144	23	<b>4761</b>
18	4	SOL	6.5	28	0.157	29	<b>4762</b>
18	5	SOL	6.5	28	0.172	35	<b>4763</b>
18	6	SOL	6.5	28	0.188	42	<b>4764</b>
18	7	SOL	6.5	28	0.188	47	<b>4765</b>
18	8	SOL	6.5	28	0.204	54	<b>4766</b>
18	9	SOL	6.5	28	0.220	60	<b>4767</b>
18	10	SOL	6.5	28	0.240	67	<b>4768</b>



### Mini Split Cables

#### Power and Control for Mini Split Systems

##### Construction:

- Stranded Bare Copper Conductors
- Polypropylene Insulation (General Purpose)
- PVC with Nylon Insulation (THHN)
- PVC Jacket



##### Features:

- Sunlight Resistant

AWG	# CONDUCTORS	SHIELD	NOM. O.D. (in)	PART #
<b>GENERAL PURPOSE - CM, CL2 LISTED</b>				
18	2	OAS	0.154	<b>1214</b>
18	4	OAS	0.178	<b>1215</b>
18	2	Unshielded	0.172	<b>1119</b>
16	2	OAS	0.178	<b>1221</b>
<b>DIRECT BURIAL - 600V, THHN LISTED</b>				
14	3	Unshielded	0.365	<b>1069</b>
14	4	Unshielded	0.365	<b>1070</b>
14	5	Unshielded	0.425	<b>1071</b>
14	7	Unshielded	0.460	<b>1073</b>

### THHN Cables - Single Conductor

##### Construction:

- Stranded Bare Copper Conductors
- Nylon Jacket with PVC Insulation



##### Features:

- Gas & Oil Resistant

AWG	# CONDUCTORS	NOM. O.D. (in)	PART #
<b>GENERAL PURPOSE - 600V, THHN/THWN LISTED</b>			
14	1	0.110	<b>1080</b>
12	1	0.130	<b>1081</b>
10	1	0.165	<b>1082</b>

# Fire Alarm Cables



Genesis® Series Fire Alarm Cables are manufactured in a wide variety of gauge sizes, shielding configurations and jacketing materials including plenum, riser and general purpose. Honeywell Cable also manufactures fire alarm cables that meet the requirements of New York City Local Law 5 and New York State Toxicity requirements.

#### Features:

- Countdown or sequential footage markings
- New labeling system on boxes
- Color coded boxes
- Zone and room markings

#### Article 760:

The scope of this article covers the installation of wiring and equipment of fire alarm systems including all circuits controlled and powered by the fire alarm system. These include fire detection and alarm notification, guard's tour, sprinkler waterflow and sprinkler supervisory systems. Circuits controlled and powered by the fire alarm system include circuits for the control of building systems safety functions, elevator capture, elevator shutdown, door release, smoke doors and damper control, fire doors and damper control and fan shutdown. Applicable only where these circuits are powered by and controlled by the fire alarm system.

#### Fire Power Limited Cable:

Type FPL, FPLR, FPLP

**Fire Alarm Cables – Unshielded**

**Construction:**

	Non-Plenum	Plenum	Direct Burial
Conductors	Bare Copper		
Insulation	PP	Low-Smoke PVC	SRPVC
	Conductor Color Code Chart 4		
Jacket	PVC	Low-Smoke PVC	PVC



**Features:**

– Sunlight Resistant (Except Plenum)

**22 AWG – UNSHIELDED**

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – UL, FPL, CL2 LISTED</b>							
22	4	SOL	17.0	15	0.122	15	<b>4101</b>
22	6	SOL	17.0	15	0.144	19	<b>4102</b>
22	8	SOL	17.0	15	0.156	24	<b>4103</b>
22	10	SOL	17.5	15	0.182	31	<b>4104</b>
22	12	SOL	17.0	15	0.188	37	<b>4105</b>
<b>RISER RATED – UL, FPLR, CL2R, C(UL), FT4 LISTED</b>							
22	4	SOL	17.0	15	0.122	15	<b>4301</b>
<b>PLENUM RATED – UL, FPLP, CL2P, C(UL), FT6 LISTED</b>							
22	6	SOL	17.0	22	0.144	21	<b>4502</b>
22	12	SOL	17.0	22	0.188	38	<b>4505</b>

**18 AWG – UNSHIELDED**

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – UL, FPL, CL2 LISTED</b>							
18	2	SOL	6.5	20	0.134	17	<b>4106</b>
18	4	SOL	6.5	20	0.170	29	<b>4107</b>
18	6	SOL	6.5	20	0.192	41	<b>4108</b>
18	8	SOL	6.5	20	0.208	52	<b>4109</b>
18	10	SOL	6.5	20	0.244	68	<b>4110</b>
<b>RISER RATED – UL, FPLR, CL2R, C(UL), FT4 LISTED</b>							
18	2	SOL	6.5	19	0.138	17	<b>4306</b>
18	4	SOL	6.5	19	0.174	34	<b>4307</b>
18	6	SOL	6.5	19	0.187	44	<b>4308</b>
18	8	SOL	6.5	19	0.208	54	<b>4309</b>
18	10	SOL	6.5	19	0.244	67	<b>4310</b>
<b>PLENUM RATED – UL, FPLP, CL2P, C(UL), FT6 LISTED</b>							
18	2	SOL	6.5	24	0.134	19	<b>4506</b>
18	4	SOL	6.5	24	0.156	32	<b>4507</b>
18	6	SOL	6.5	24	0.192	45	<b>4508</b>
18	8	SOL	6.5	28	0.208	52	<b>4509</b>

Unshielded

Conventional

Fire Alarm

**Fire Alarm Cables – Unshielded (continued)**

**16 AWG – UNSHIELDED**

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – UL, FPL, CL2 LISTED</b>							
16	2	SOL	4.2	20	0.154	24	<b>4111</b>
16	4	SOL	4.2	20	0.180	43	<b>4112</b>
<b>RISER RATED – UL, FPLR, CL2R, C(UL), FT4 LISTED</b>							
16	2	SOL	4.9	20	0.160	24	<b>4311</b>
16	4	SOL	4.2	20	0.184	43	<b>4312</b>
<b>PLENUM RATED – UL, FPLP, CL2P, C(UL), FT6 LISTED</b>							
16	2	SOL	4.2	27	0.154	26	<b>4511</b>
16	4	SOL	4.1	27	0.180	47	<b>4512</b>

**14 AWG – UNSHIELDED**

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – UL, FPL, CL2 LISTED</b>							
14	2	SOL	2.6	22	0.182	35	<b>4113</b>
14	4	SOL	2.6	22	0.214	64	<b>4114</b>
<b>RISER RATED – UL, FPLR, CL2R, C(UL), FT4 LISTED</b>							
14	2	SOL	2.5	22	0.184	37	<b>4313</b>
14	4	SOL	2.5	22	0.214	65	<b>4314</b>
<b>PLENUM RATED – UL, FPLP, CL2P, C(UL) FT6 LISTED</b>							
14	2	SOL	2.5	27	0.182	38	<b>4513</b>
14	4	SOL	2.5	27	0.214	68	<b>4514</b>

**12 AWG – UNSHIELDED**

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – UL, FPL, CL2 LISTED</b>							
12	2	SOL	1.6	22	0.214	52	<b>4115</b>
<b>RISER RATED – UL, FPLR, CL2R, C(UL), FT4 LISTED</b>							
12	2	SOL	2.5	22	0.214	55	<b>4315</b>
12	2	STR	1.6	25	0.264	54	<b>4320</b>
<b>PLENUM RATED – UL, FPLP, CL2P, C(UL), FT6 LISTED</b>							
12	2	SOL	1.6	30	0.214	55	<b>4515</b>

Unshielded

Conventional

Fire Alarm

**Fire Alarm Cables – Overall Shielded (OAS)**

**Construction:**

	Non-Plenum	Plenum
Conductors	Bare Copper	
Shield	Al/Mylar with Drain Wire	
Insulation	PP Conductor Color Code Chart 4	Low-Smoke PVC
Jacket	PVC	Low-Smoke PVC



**Features:**

– Sunlight Resistant (Except Plenum)

**22 AWG – SHIELDED**

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – UL, FPL, CL2 LISTED</b>							
22	4	SOL	17.0	31	0.124	17	<b>4201</b>
<b>RISER RATED – UL, FPLR, CL2R, C(UL), FT4 LISTED</b>							
22	4	SOL	17.5	31	0.126	16	<b>4401</b>
<b>PLENUM RATED – UL, FPLP, CL2P, C(UL), FT6 LISTED</b>							
22	4	SOL	17.0	53	0.126	18	<b>4601</b>

**18 AWG – SHIELDED**

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – UL, FPL, CL2 LISTED</b>							
18	2	SOL	6.5	42	0.138	20	<b>4202</b>
18	4	SOL	6.5	42	0.160	31	<b>4203</b>
18	6	SOL	6.5	42	0.196	50	<b>4204</b>
18	8	SOL	6.5	42	0.212	57	<b>4205</b>
<b>RISER RATED – UL, FPLR, CL2R, C(UL), FT4 LISTED</b>							
18	2	SOL	6.5	42	0.138	21	<b>4402</b>
18	4	SOL	6.5	42	0.163	32	<b>4403</b>
18	6	SOL	6.5	42	0.196	46	<b>4404</b>
18	8	SOL	6.5	42	0.212	56	<b>4405</b>
<b>PLENUM RATED – UL, FPLP, CL2P, C(UL), FT6 LISTED</b>							
18	2	SOL	6.5	68	0.140	22	<b>4602</b>
18	4	SOL	6.5	68	0.168	35	<b>4603</b>
18	6	SOL	6.5	68	0.196	50	<b>4604</b>

Fire Alarm Cables – Overall Shielded (OAS) (continued)

16 AWG – SHIELDED

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – UL, FPL, CL2 LISTED</b>							
16	2	SOL	4.1	46	0.158	29	4206
16	4	SOL	4.1	46	0.186	49	4207
<b>RISER RATED – UL, FPLR, CL2R, C(UL), FT4 LISTED</b>							
16	2	SOL	4.1	46	0.158	31	4406
16	4	SOL	4.1	46	0.190	49	4407
<b>PLENUM RATED – UL, FPLP, CL2P, C(UL), FT4 LISTED</b>							
16	2	SOL	4.1	77	0.158	35	4606
16	4	SOL	4.1	77	0.186	52	4607

14 AWG – SHIELDED

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – UL, FPL, CL2 LISTED</b>							
14	2	SOL	2.5	52	0.186	40	4208
14	4	SOL	2.5	52	0.218	67	4209
<b>RISER RATED – UL, FPLR, CL2R, C(UL), FT4 LISTED</b>							
14	2	SOL	2.5	52	0.192	42	4408
14	4	SOL	2.5	52	0.218	72	4409
<b>PLENUM RATED – UL, FPLP, CL2P, C(UL), FT6 LISTED</b>							
14	2	SOL	2.5	86	0.186	44	4608
14	4	SOL	2.5	86	0.218	75	4609

12 AWG – SHIELDED

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – UL, FPL, CL2 LISTED</b>							
12	2	SOL	1.6	56	0.218	59	4210
<b>RISER RATED – UL, FPLR, CL2R, C(UL), FT4 LISTED</b>							
12	2	SOL	1.7	56	0.218	60	4410
<b>PLENUM RATED – UL, FPLP, CL2P, C(UL), FT6 LISTED</b>							
12	2	SOL	1.6	96	0.218	63	4610

Overall Shielded (OAS)

Conventional

Fire Alarm

**Fire Alarm Cables – Direct Burial**

**18 AWG – UNSHIELDED**

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>DIRECT BURIAL – UL, FPL LISTED</b>							
18	2	STR	6.5	19	0.260	37	<b>4156</b>
18	4	STR	6.5	19	0.295	59	<b>4157</b>
18	6	STR	6.5	19	0.345	76	<b>4158</b>
18	8	STR	6.5	19	0.375	95	<b>4159</b>

**16 AWG – UNSHIELDED**

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>DIRECT BURIAL – UL, FPL, CL2 LISTED</b>							
16	2	STR	3.90	21	0.282	45	<b>4151</b>

**14 AWG – UNSHIELDED**

AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>DIRECT BURIAL – UL, FPL, CL2 LISTED</b>							
14	2	STR	2.5	23	0.310	60	<b>4153</b>
14	4	STR	2.5	23	0.355	102	<b>4154</b>

**Alarm Cables – Zipcord**

**Construction:**

- Solid Bare Copper Conductors
- PVC Insulation
- Parallel Zip Construction

**Features:**

- Sunlight Resistant
- One Conductor Ribbed for Polarity



AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>GENERAL PURPOSE – UL, FPL, C(UL), CMG LISTED</b>							
18	2	SOL	6.4	17	0.105 x 0.217	18	<b>4002</b>
14	2	SOL	2.5	17	0.129 x 0.273	39	<b>4004</b>
<b>RISER RATED – UL, FPLR, CL2R, C(UL), FT4 LISTED</b>							
18	2	SOL	6.5	17	0.088 x 0.196	18	<b>4422</b>
16	2	SOL	4.1	17	0.094 x 0.200	26	<b>4423</b>
14	2	SOL	2.5	17	0.107 x 0.220	37	<b>4424</b>
12	2	SOL	1.6	17	0.124 x 0.250	52	<b>4425</b>



**Fire Alarm Cables – Mid-Capacitance (Unshielded)**

**Construction:**

- Solid Bare Copper Conductors
- Polypropylene Insulation
- PVC Jacket
- Conductor Color Code Chart 4

**Features:**

- Sunlight Resistant



AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>RISER RATED – UL, FPLR, CL2R, C(UL), FT4 LISTED</b>							
18	2	SOL	6.3	15	0.144	19	<b>4431</b>
16	2	SOL	4.1	17	0.170	26	<b>4432</b>

**Fire Alarm Cables – Mid-Capacitance (Shielded)**

**Construction:**

- Solid Bare Copper Conductors
- Aluminum/Mylar Overall Shield with Drain Wire
- Polypropylene Insulation
- PVC Jacket
- Conductor Color Code Chart 4

**Features:**

- Sunlight Resistant



AWG	# COND	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>RISER RATED – UL, FPLR, CL2R, C(UL), FT4 LISTED</b>							
18	2	SOL	6.3	34	0.148	21	<b>4441</b>
16	2	SOL	4.1	38	0.187	32	<b>4442</b>
12	2	SOL	1.6	48	0.260	48	<b>4444</b>

**Fire Alarm Cables – NYC Local Law 5 (Unshielded)**

**Construction:**

- Solid Bare Copper Conductors
- Fluoropolymer Insulation and Jacket
- Conductor Color Code Chart 4



AWG	# PAIRS	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>UL, NYC LL5, FPLP LISTED</b>							
18	1	SOL	6.3	45	0.198	26	<b>5500</b>
18	2	SOL	6.3	45	0.312	47	<b>5501</b>
16	1	SOL	4.1	55	0.214	36	<b>5502</b>
16	2	SOL	4.1	55	0.345	62	<b>5503</b>
14	1	SOL	2.5	60	0.244	47	<b>5504</b>
14	2	SOL	2.5	60	0.374	87	<b>5506</b>
12	1	SOL	1.6	65	0.272	67	<b>5505</b>

**Fire Alarm Cables – NYC Local Law 5 (Shielded)**

**Construction:**

- Solid Bare Copper Conductors
- Aluminum/Mylar Overall Shield with Drain Wire
- Fluoropolymer Insulation and Jacket
- Conductor Color Code Chart 4



AWG	# PAIRS	STR/SOL	DC RESISTANCE (Ohms/Mft.)	NOM. CAP. (pF/ft.)	NOM. O.D. (in.)	AVG. WT. (lbs./Mft.)	PART #
<b>UL, NYC LL5, FPLP LISTED</b>							
18	1	SOL	6.3	80	0.202	28	<b>5550</b>
18	2	SOL	6.3	80	0.316	51	<b>5551</b>
16	1	SOL	4.1	100	0.215	42	<b>5552</b>
16	2	SOL	4.1	100	0.343	71	<b>5553</b>
14	1	SOL	2.5	110	0.243	51	<b>5554</b>
14	2	SOL	2.5	110	0.398	93	<b>5555</b>
12	1	SOL	1.6	130	0.276	75	<b>5556</b>



At Honeywell Cable, we strive to be the most trusted, go-to brand for low-voltage cable in the security, electrical and HVAC markets. It is our mission to provide quality wiring products and responsive, reliable service to enable your success every day. Intrusion, video, access control, audio/video, fire, networking, HVAC...whatever your application, "We've got a Cable for That!"

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