

Insist on innovation you can trust. Insist on Honeywell Genesis® Series Cable.

At Honeywell Cable, we work closely with our customers to develop innovative solutions that are designed to save time, money, and hassles. Our focus on our customers' on-the-job and long-term business needs drives us to enable their success each day. We are committed to producing long-lasting products that are designed for unsurpassed reliability, ease of installation, and outstanding performance. With Honeywell Genesis Series Cable, our customers can trust that they're in the best position to meet the ongoing demands of the industry.

We offer a full range of products to meet every application. When it comes to installing and connecting HVAC and control systems, our cables are specifically engineered to handle evolving technologies and deliver to the need every time. Our Hybrid Thermostat and Metal Clad Mini-Split cables are two of these recent innovations. They demonstrate our dedication to designing and manufacturing with a laser-sharp focus on ongoing improvements.



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Thermostat Cables

Honeywell Thermostat Cables Work with You



Speed Bag® Packaging
Save time and hassle by choosing
ready-to-dispense, compact, and fully
recyclable packaging.



Durable Rip Cords Strip jackets more easily without damaging conductors.



Room and Zone Markings
Easily label and identify rooms and
zones using the convenient markings
on the cable jacket.

Hybrid Thermostat Cable: A Perfect Fit

When it comes to installing a cable specifically engineered to handle the evolving demands and functionality of thermostats, Hybrid Thermostat Wire delivers exactly what you need:

- First cable designed specifically for the power requirements of the circuit – all devices will be properly powered and controls will function as intended
- Ideal for both new (energy-efficient) and existing HVAC equipment
- Available in 5-, 6-, 8- and
 10- conductor constructions
- Haul around less weight and win more project bids with Hybrid Cable
- Comes in a variety of reel and
 Speed Bag® packaging configurations

Hybrid Cables

Come in a wide range of conductor constructions and packaging options.



	Hybrid Thermostat Cable										
Product	Description	Color		Standard I	Packaging (Consult	Factory for Addition	al Options)				
Code	Description	Color	250' Reel	4 pcs, 250' Reel	4 pcs, 500' Reel	125' Speedbag	250' Speedbag	500' Speedbag			
6713	5 Solid Conductors CL2 (1x18AWG + 4x20AWG)	Brown		67130307			67130907				
6714	6 Solid Conductors CL2 (1x18AWG + 5x20AWG)	Brown		67140307			67130907				
6716	8 Solid Conductors CL2 (1x18AWG + 7x20AWG)	Brown		67160307		67164607	67160907				
6718	10 Solid Conductors CL2 (2x18AWG + 8x20AWG)	Brown		67180307			67180907				

	General Purpose Thermostat Cable									
Product	Description	Color		Standard	Packaging (Consult	Factory for Additior	ial Options)			
Code	Description	Color	250' Reel	4 pcs, 250' Reel	4 pcs, 500' Reel	125' Speedbag	250' Speedbag	500' Speedbag		
4701	20/2 Solid CL2	Brown			47014807			47015807		
4101	20/200110002	White			47014801					
4702	20/3 Solid CL2	Brown			47024807			47025807		
	2070 0000 022	White			47024801					
4703	20/4 Solid CL2	Brown		47030307			47030907			
		White		47030301						
4704	20/5 Solid CL2	Brown		47040307			47040907			
		White		47040301						
4705	20/6 Solid CL2	Brown		47050307			47050907			
		White		47000007			47000007			
4706	20/7 Solid CL2	Brown White		47060307			47060907			
		Brown		47070307			47070907			
4707	20/8 Solid CL2	White		41010301			47070901			
					47104007		47070901	47105007		
4710 18/	18/2 Solid CL2	Brown			47104807			47105807		
		White			47104801					
4711	4711 18/3 Solid CL2	Brown			47114807			47115807		
	10/0 00/10 022	White			47114801					
4710	10/// 0 1:1010	Brown		47120307			47120907			
4712	18/4 Solid CL2	White		47120301						
		Brown		47130307			47130907			
4713	18/5 Solid CL2	White		47130301						
		Brown		47140307			47140907			
4714	18/6 Solid CL2	White		47140301						
		Brown		47150307			47150907			
4715	18/7 Solid CL2	White		47150301			41130301			
				47160307		47164607	47160007			
4716	18/8 Solid CL2	Brown				47164607	47160907			
		White		47160301						
4717	18/9 Solid CL2	Brown		47170307						
4718	18/10 Solid CL2	Brown		47180307						
	10, 10 0010 012	White		47180301						
4710	10/12 0-1:-1 01 2	Brown	47190107							
4719	18/12 Solid CL2	White	47190101				47070901			

Plenum Thermostat Cable										
Product	Description	Color	Standard Packaging (Consult Factory for Additional Options)							
Code	Description	Color	250' Reel	4 pcs, 250' Reel	4 pcs, 500' Reel	125' Speedbag	250' Speedbag	500' Speedbag		
4760	18/2 Solid CMP/CL2P	Natural			47604812					
4761	18/3 Solid CMP/CL2P	Natural			47614812					
4762	18/4 Solid CMP/CL2P	Natural		47620312						
4763	18/5 Solid CMP/CL2P	Natural		47630312						
4764	18/6 Solid CMP/CL2P	Natural		47640312						
4766	18/8 Solid CMP/CL2P	Natural		47660312						
4768	18/10 Solid CMP/CL2P	Natural		47680312						

Mini Split System Cable Installations and Products

Metal Clad Mini Split Cables

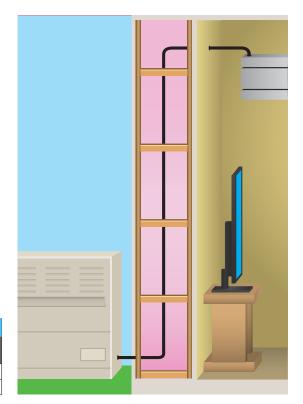
For systems where indoor unit is powered from the condenser.

- Sunlight resistant and suitable for direct burial
- Use a water-tight connector such as Bridgeport Fittings P/N: 595-DC2
- Install in wall without the need for additional conduit



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Metal Clad Mini Split Cables									
Product Code	Description	Color	Packaging	Part Number					
1075	14/4 Stranded THHN, Jacket	Black	250' Reel	10750108					
1075	Metal Clad (Type MC)	Black	5 pcs, 50' Coil	10753908					



Mini Split Tray Cables

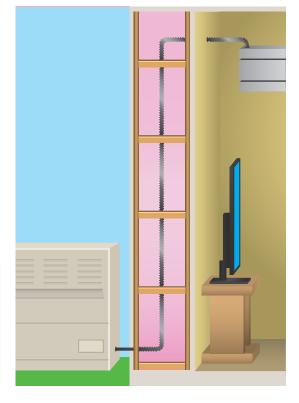
For systems where indoor unit is powered from the condenser.



- Once the cable enters the structure, it must be contained in conduit
- Cable must be installed in conduit indoors or in-wall



	Mini Split Tray Cables									
Product Code	Description	Color	Packaging	Part Number						
1070	14/4 Stranded THHN	Black	250' Reel	10700108						
1070	Tray Cable (Type TC)	Black	5 pcs, 50' Coil	10703908						
1073	14/7 Stranded THHN	Black	250' Reel	10730108						
1013	Tray Cable (Type TC)	Black	5 pcs, 50' Coil	10733908						
1068	16/4 Stranded THHN	Black	250' Reel	10680108						
1000	Tray Cable (Type TC)	Black	5 pcs, 50' Coil	10683908						



Low-Voltage Mini Split Cables

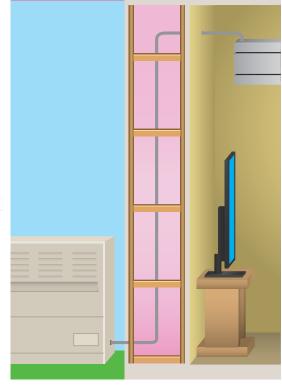
For systems where the interconnection cable is only for communication.

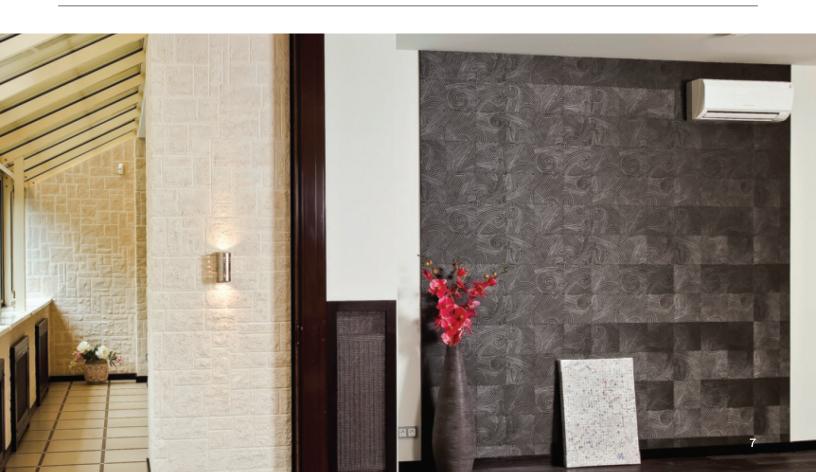
- Not suitable for burial
- Conduit recommended
- Can be installed in-wall without conduit
- If installed in plenums, use plenum rated cable



• If installed between floors in a multi-unit residential or commercial structure, use riser rated cable

	Low-Voltage Cable Mini Split Cables									
Product Code	Description	Color	Packaging	Part Number						
1215	18/4 Stranded Shielded CM/Cl2	Gray	5 pcs, 50' Coil	12153909						
1221	16/2 Stranded Shielded CM/CL2	Gray	5 pcs, 50' Coil	12213909						
1118	18/2 Stranded CM/CL2	Gray	5 pcs, 50' Coil	11183909						
1228	18/3 Stranded Shielded CM/CL2	Gray	4 pcs, 250' Coil	12280309						

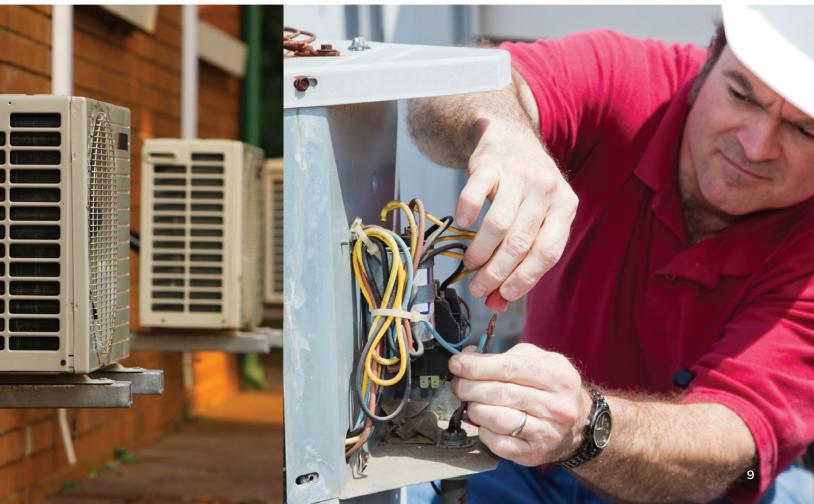




Mini Split System Cable Cross-Reference Guide

Mini Split Model	Cable	Communication Cable (Type CM/CL2) Product Code	Tray Cable (Type TC) Product Code	Metal Clad (Type MC) Product Code
Carrier				
QA & QN Series - Cooling Only Models	18/2 Solid 300V	4710		
QA & QN Series - Heat Pump Models	18/7 Solid 300V	4715		
All Other Models	14/4 Stranded THHN 600V		1070	1075
Daikin				
	14/4 Stranded THHN 600V		1070	1075
Environare				
	14/4 Stranded THHN 600V		1070	1075
Friedrich				
	14/4 Stranded THHN 600V		1070	1075
Frigidaire				
	14/4 Stranded THHN 600V		1070	1075
Fujitsu				
	14/4 Stranded THHN 600V		1070	1075
Gree				
	14/4 Stranded THHN 600V		1070	1075
Grunaire				
	14/4 Stranded THHN 600V		1070	1075
Heat Controller				
	14/4 Stranded THHN 600V		1070	1075
LG				
	14/4 Stranded THHN 600V		1070	1075
Mitsubishi				
M-Series	14/4 Stranded THHN 600V		1070	1075
P-Series	16/4 Stranded THHN 600V		1068	
City-Multi, M-Net	16/2 Stranded Shielded 300V	1221		
Nordyne				
IQ Drive				
Thermostat	18/4 Stranded Shielded 300V	1215		
Indoor-Outdoor Communication	18/3 Stranded Shielded 300V	1228		
Indoor-Outdoor Power	18/2 Stranded 300V	1118		
Panasonic	46460		4070	4075
0	14/4 Stranded THHN 600V		1070	1075
Quietside	1 /r //r Charact TTIII 1 2 2 2 2		1070	1075
Single & Multizone Inverter	14/4 Stranded THHN 600V		1070	1075
Single-Zone Rotary	14/7 Stranded THHN 600V		1073	
Samsung	10/2 Chron de d'Objet L. 1.2000	1221		
Tuess	16/2 Stranded Shielded 300V	1221		
Trane	1/L/L Chron de d'TITIER COOV		1070	1075
Mashinglassa	14/4 Stranded THHN 600V		1070	1075
Westinghouse	1 // // Chara de d TUUN COOV		1070	1075
Vaul	14/4 Stranded THHN 600V		1070	1075
York	1/L/L Chron de d'TITIER COOV		1070	1075
	14/4 Stranded THHN 600V		1070	1075





Intelligent Building System Cables

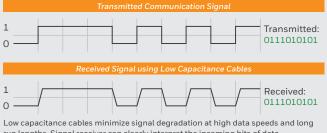
cables connect inputs and outputs to their controllers.

Communication circuits must be able to support high speed data transfer for long distances. Because of this it's important to select the right cables that have

For signal circuits, the capacitance and impedance levels of the cables are less critical. For these circuits, the limiting factor is DC resistance. The gauge of the cables should be selected

Capacitance

Capacitance resists changes in voltage levels. For highspeed data transfer, excessive capacitance can distort digital signals and lead to system malfunction. The higher the data transmission rate and the longer the cable run, the more critical is it to use low-capacitance cables to ensure proper system function.



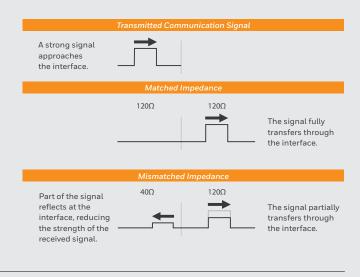
run lengths. Signal receiver can clearly interpret the incoming bits of data

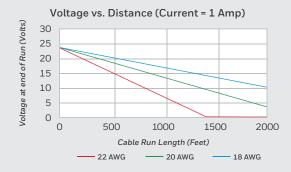


Excessive capacitance distorts the data signal to the point that the received signal no longer resembles the transmitted signal.

Characteristic Impedance

At electrical interfaces, such as between the end of a cable run and a receiver device, the impedances must be closely matched to ensure efficient signal transfer. If the mismatch in impedances is too large, portions of the signal will reflect at the interface, which leads to a reduction in the signal amplitude, or return loss.





DC Resistance

As the distance of a cable run increases, circuit resistance increases too. Higher resistance leads to increased voltage drop, which means a decrease in signal strength. For longer runs, larger conductors should be used to minimize voltage drop.

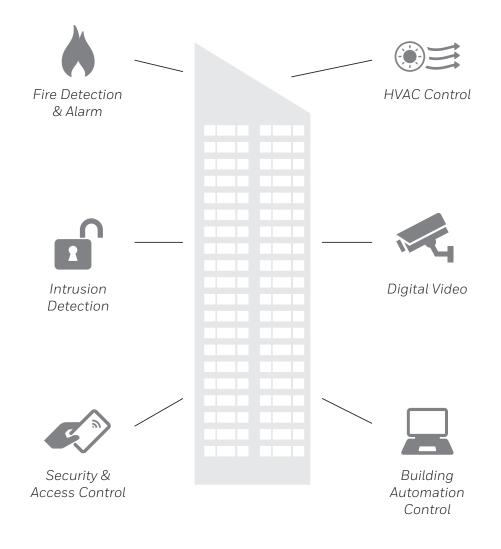
		Comm	unication Cables				
Product Code	Description	Communication Standard	Characteristic Impedance (Ω)	Capacitance (pF/ft.)	Color	Packaging	Part Number
3319	24/1pr Stranded Shielded CMP	EIA-485, MS/TP, BACnet®	115	12.5	Orange	1000' Reel-in-a-Box	33192103
3323	24/1.5pr Stranded Shielded CMP	EIA-485, MS/TP, BACnet®	115	12.5	Natural	1000' Reel-in-a-Box	33232112
3323	24/1.5pi Stranded Snietded CiviP	EIA-400, WIS/ TP, BACHEL	113	12.5	Orange	1000' Reel-in-a-Box	33232103
					Orange	1000' Reel-in-a-Box	33202103
3320	22/1pr Stranded Shielded CMP	EIA-485, MS/TP, BACnet®	115	12.5	Green	1000' Reel-in-a-Box	33202105
					Blue 1000' Reel-in-a-Box 332 Brown 1000' Reel-in-a-Box 332	33202106	
3324	22/1.5pr Stranded Shielded CMP	EIA-485, MS/TP, BACnet®	115	12.5	Blue	1000' Reel-in-a-Box	33242106
3328	22/2pr Stranded Shielded CMP	EIA-485, MS/TP, BACnet®	115	12.5	Brown	1000' Reel-in-a-Box	33282107
3322	18/2pr Stranded Shielded CMP	EIA-485, MS/TP, BACnet®	115	12.5	Orange	1000' Reel	33221003
					White	1000' Reel-in-a-Box	32522101
					Yellow	1000' Reel-in-a-Box	32522102
					Blue	1000' Reel-in-a-Box	32522106
3252	22/1pr Stranded CMP	Echelon LonWorks®	100	14.5	Purple	1000' Reel-in-a-Box	32522110
					White with Orange Stripe	1000' Reel-in-a-Box	3252213A
3253	22/2mx Strandad CMD	Echelon LonWorks®	100	14.5	White	1000' Reel-in-a-Box	32532101
3233	22/2pr Stranded CMP	Echelon Lonworks	100	14.5	Blue	1000' Reel-in-a-Box	32522106
3254	22/1 px Ctranded Chiefded CMD	Echelon LonWorks®	100	14.5	White	1000' Pull Box	32541101
3234	22/1pr Stranded Shielded CMP	ECHEIOH LOHWORKS	100	14.0	Blue	1000' Reel-in-a-Box	32542106
3255	22/2pr Stranded Shielded CMP	Echelon LonWorks®	100	14.5	White	1000' Pull Box	32551101
4652	18/1pr Stranded Shielded CMP		60	25.0	Purple	1000' Reel-in-a-Box	46522110

	Signal, I/O Cables								
Product Code	Description	DC Resistance ($\Omega/1000$ ft.)	Capacitance (pF/ft.)	Color	Packaging	Part Number			
				Natural	1000' Reel-in-a-Box	31142112			
		6.66		Yellow	1000' Reel-in-a-Box	31142102			
3114	18/2 Stranded CMP/CL2P		32.2	Orange	1000' Reel-in-a-Box	31142103			
3114	10/2 Stranged CMP/CL2P	0.00	32.2	Green	1000' Reel-in-a-Box	31142105			
				Blue	1000' Reel-in-a-Box	31142106			
				Purple	1000' Reel-in-a-Box	31142110			
				Natural	1000' Reel-in-a-Box	31262112			
3126	18/3 Stranded CMP/CL2P	6.66	32.2	Yellow	1000' Reel-in-a-Box	31262102			
3120	10/3 Stranged CMP/CLZP	0.00	32.2	Green	1000' Reel-in-a-Box	31262105			
				Blue	1000' Reel-in-a-Box	31262106			
			Natural 1000' Reel-in-a-Box	31152112					
3115	18/4 Stranded CMP/CL2P	6.66	32.2	Orange	1000' Reel-in-a-Box	31152103			
			32.2 Orange 1000' Reel-in-a-Box Green 1000' Reel-in-a-Box Natural 1000' Reel-in-a-Box	31152105					
	40/00: 1.10: 1.100/01/01	6.66	59.3	Natural	1000' Reel-in-a-Box	32142112			
				Yellow	1000' Reel-in-a-Box	32142102			
3214				Orange	1000' Reel-in-a-Box	32142103			
3214	18/2 Stranded Shielded CMP/CL2P			Green	1000' Reel-in-a-Box	32142105			
				Blue	1000' Reel-in-a-Box	32152106			
				Purple	1000' Reel-in-a-Box	32152110			
				Natural	1000' Reel-in-a-Box	32262112			
				Yellow	1000' Reel-in-a-Box	32262102			
3226	18/3 Stranded Shielded CMP/CL2P	0.00	F0.0	Orange	1000' Reel-in-a-Box	32262103			
3226	18/3 Stranded Snielded CMP/CLZP	6.66	50.8	Green	1000' Reel-in-a-Box	32262105			
				Blue	1000' Reel-in-a-Box	32262106			
				Purple	1000' Reel-in-a-Box	32262110			
				Natural	1000' Reel-in-a-Box	32152112			
				Yellow	1000' Reel-in-a-Box	32152102			
3215	18/4 Stranded Shielded CMP/CL2P	6.66	50.8	Orange	1000' Reel-in-a-Box	32152103			
				Green	1000' Reel-in-a-Box	32152105			
				Blue	1000' Reel-in-a-Box	32152106			

IBS Cable Cross-Reference Guide

Application	Cable Description	Product Code
Honeywell Building Automation Systems		
C-BUS	22/1pr Stranded Shielded CMP (EIA-485 / BACnet®)	3320
LonWorks® E-BUS	22/1pr Stranded CMP (Echelon®)	3252
Alerton®	ZZ/Tp/ oddinod om/ (Edicion /	0202
BACtalk® MS/TP, BACtalk® Sensors,	20/11 as Chronidad Chieldad CMD	3319
VLX-EXP Comm Bus, IBEX LAN	24/1pr Stranded Shielded CMP	
TUX Trunk, Sensors	18/2 Stranded Shielded CMP	3214
IBEX Microset	18/3 Stranded CMP	3126
BACtalk Microset	18/3 Stranded Shielded CMP	3226
Automated Logic®		
ARC156	22/1pr Stranded Shielded CMP (EIA-485)	3320
Logistat	22/4 Stranded CMP	3104
Carrier®		
MS/TP Network	22/1pr Stranded Shielded CMP (EIA-485)	3320
Rnet	18/4 Stranded CMP	3115
Power	18/2 Stranded CMP	3114
	18/2 Stranded CMP	3114
Sensors	18/2 Stranded Shielded CMP	3214
Fujitsu®		
	22/1pr Stranded Shielded CMP (Echelon®)	3254
LON® Communication	22/2pr Stranded Shielded CMP (Echelon®)	3255
Johnson Controls®		
N2 BUS	22/1.5pr Stranded Shielded (EIA-485)	3324
FC BUS	22/1.5pr Stranded Shielded (EIA-485)	3324
SA BUS	22/2pr Stranded Shileded (EIA-485)	3328
	18/2 Stranded CMP	3114
Input & Outputs	18/3 Stranded CMP	3126
Schneider Electric® - TAC Controls		1111
Lon Communication	21/1pr Stranded CMP (Echelon®)	3252
Type H (DO), Type D (AI/DI)	18/2 Stranded CMP	3114
Type I (AO/DO)	18/3 Stranded CMP	3126
Siemens®	To o orangou om	0120
Automation Level Network (ALN) BACnet®		
Building Level Network (BLN) BACnet® Field Level Network (FLN) BACnet®	24/1.5pr Stranded Shielded CMP (EIA-485)	3323
Lon Communication	22/1pr Stranded CMP (Echelon®)	3252
Januta & Outauta	18/2 Stranded CMP	3114
Inputs & Outputs	18/3 Stranded CMP	3126
Trane [®]		
	22/1pr Stranded CMP (Echelon®)	3252
Comm 5 (Echelon®)	22/1pr Stranded Shielded CMP (Echelon®)	3254
	22/2pr Stranded CMP (Echelon®)	3253
Comm 3/4	18/1pr Stranded Shielded CMP	4652
	18/2 Stranded Shielded CMP	3214
Sensors	18/3 Stranded Shielded CMP	3226
	18/4 Stranded Shielded CMP	3215





Remote Controls

Control lighting, heating, cooling and security systems remotely — with absolute reliability.

Reliable World-Class Service

Backed by a Fortune 100 company that sets the standard across numerous industries, our robust support system is second to none. It has enabled us at Honeywell Cable to build our entire organization around creating the best, hassle-free experience for our customers.

It drives everything we do, including our:



Thousands of locations across the HVAC, security, low-voltage, and electrical distribution channels, where our Honeywell Genesis® Series Cable is readily available for quick delivery or pick up.



Toll-free, LIVE customer service and sales support at: 800-222-0060.



Free freight with orders of \$1,500 or more (some restrictions apply).



ReadySHIP – over 100 current products that ship same day (for orders placed prior to 3pm, after 3pm ships next day) – eligible products list available on our website or by calling customer service.



Contractor Pro™ – Enroll at www.contractorpro.com to get reward points for Honeywell wire you sell every day.



Cable for That! app – Provides an easy-to-use and accessible guide that helps you choose the right cable for your application – go to our website and use your mobile device to download the app that's right for you.





3-for-1 Guarantee – Our confidence in our products translates into the most comprehensive warranty in the industry – replacing three units to one – should any fail to perform to specification.

Please visit www.honeywellcable.com for more information, including a detailed cable catalog or to download our Cable for That! App, and get access to information on-the-go!

Honeywell Cable Selection Guide

Honeywell Cal	ble Part Numbers			
All Genesis® Series Cable products have an eight digit product number composed of:	AAAA 	BB ~ Pkg Code	CC Color Code	

BB: Packaging Code	Put Up
01	1 x 250' Reel
03	4 x 250' Reel
10	1000' Reel
11	1000' Reel Box
18	1000' Speed Bag®
21	1000' Reel in-a-Box
39	5 x 50' Coil
48	4 x 500' Reel
50	500' Reel
55	500' Box
58	500' Speed Bag®
61	500' Real in-a-Box

CC: Color Code	Color
01	White
02	Yellow
03	Orange
04	Red
05	Green
06	Blue
07	Brown
08	Black
09	Gray
10	Purple
11	Pink
12	Natural
13	Beige
37	Raspberry
1A	White with Orange

Cable engineered by the equipment manufacturer.



Unlike other cable, ours is made by the same company that makes the devices, ensuring optimal connectivity. We produce the vast majority of our full line of low-voltage cables in Pleasant Prairie, WI, where we have been manufacturing and distributing wire and cables since 1996.

Our 230 employees produce 70 percent of Honeywell Cable's total finished goods sold in our 250,000-square-foot facility. We operate 24 hours a day, five days a week, converting raw materials into cables engineered to meet electrical and mechanical requirements for signal communications and low-power systems.

For more information

www.honeywellcable.com

Honeywell Cable & Custom Electronics

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