

The Perfect Environment

-GENESIS-

Continuous High Performance



Building Automation + HVAC Cable

The Most Trusted Brand

Genesis® Cable

Connecting the most intelligent buildings
and homes in the world.



Engineered for the evolving demands and functionality of today's most intelligent buildings, Genesis Building Automation + HVAC Cable is foundational for powering the highest performing smart building systems in the world. From global networks to smart homes, Genesis Building Automation + HVAC Cable offers the technology required for continuous high speed data transfer and system connectivity. For every application, every time. **Count on it.**

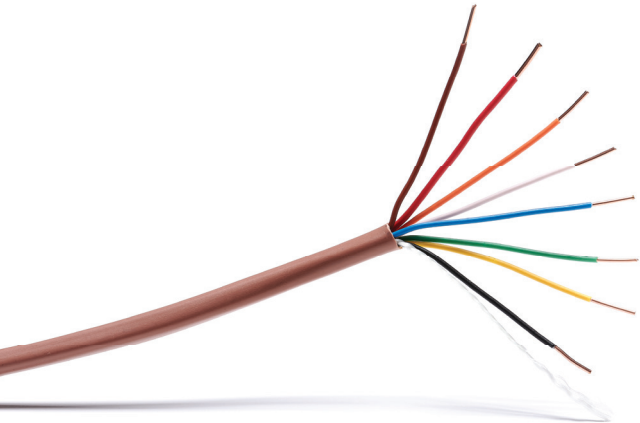
Count On It

At Genesis, we're committed to raising standards, continuously innovating and developing superior cable solutions for today's evolving technologies. Engineered and tested to exceed the highest quality standards, Genesis produces the most trusted and complete selection of low-voltage cable today.

To drive your success, we deliver a hassle-free experience from specification through installation to operation, across a wide range of commercial and residential applications. Future-proof building automation and HVAC systems, insure high performance and drive a greater return on investment with Genesis Cable - the absolute best value on every level.

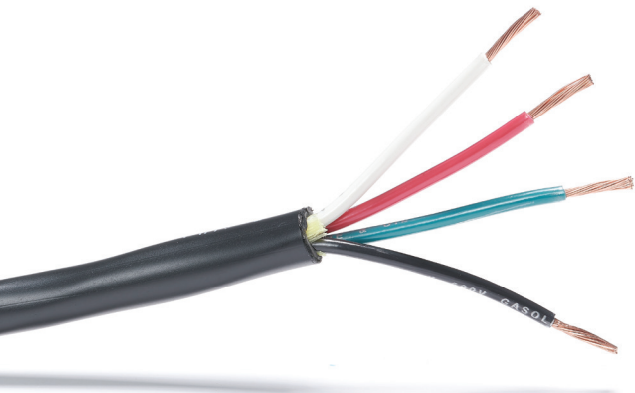
Innovative Solutions for Every Application

Building climate and energy management | Home climate control | Centralized, localized, and zoned systems



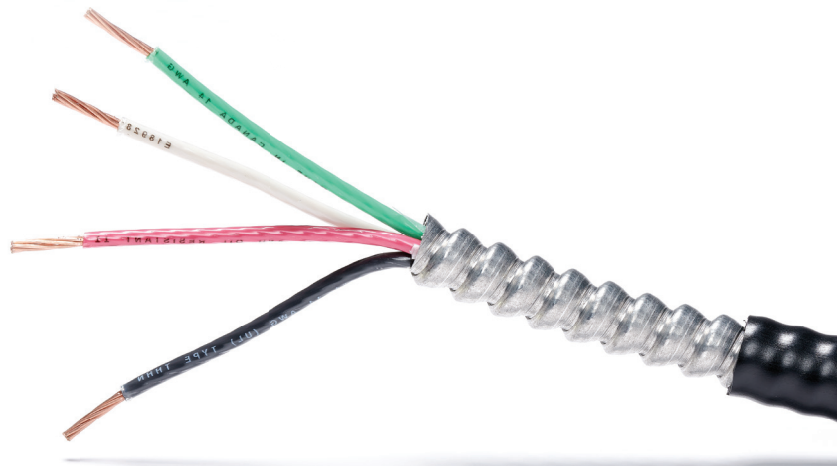
Spinalcord®

Provides continuous runs between indoor and outdoor units without the need for junction boxes and conduit.



Hybrid Thermostat Cable

Optimized for today's high efficiency equipment - and equipment from decades past - to effectively replace traditional thermostat wire and deliver hassle-free installations. Available in easy-to-open, environmentally-friendly Speed Bag® packaging.



Mini Split Tray Cable

Direct burial rated, engineered for sunlight resistance, and developed for optimal versatility - including indoor in-conduit installations and outdoor installations with or without conduit.

Your Single Source Provider



Contractor Pro

Earn one reward point per dollar spent on all qualifying Genesis Cable product purchases and redeem for free products, luxury items and more. The more you purchase, the greater your rewards.



3-for-1 Warranty

At Genesis, we insure protection for you and your customers. If any cable fails to perform to spec, we'll replace it - three units to one.



Toll-Free Customer Support

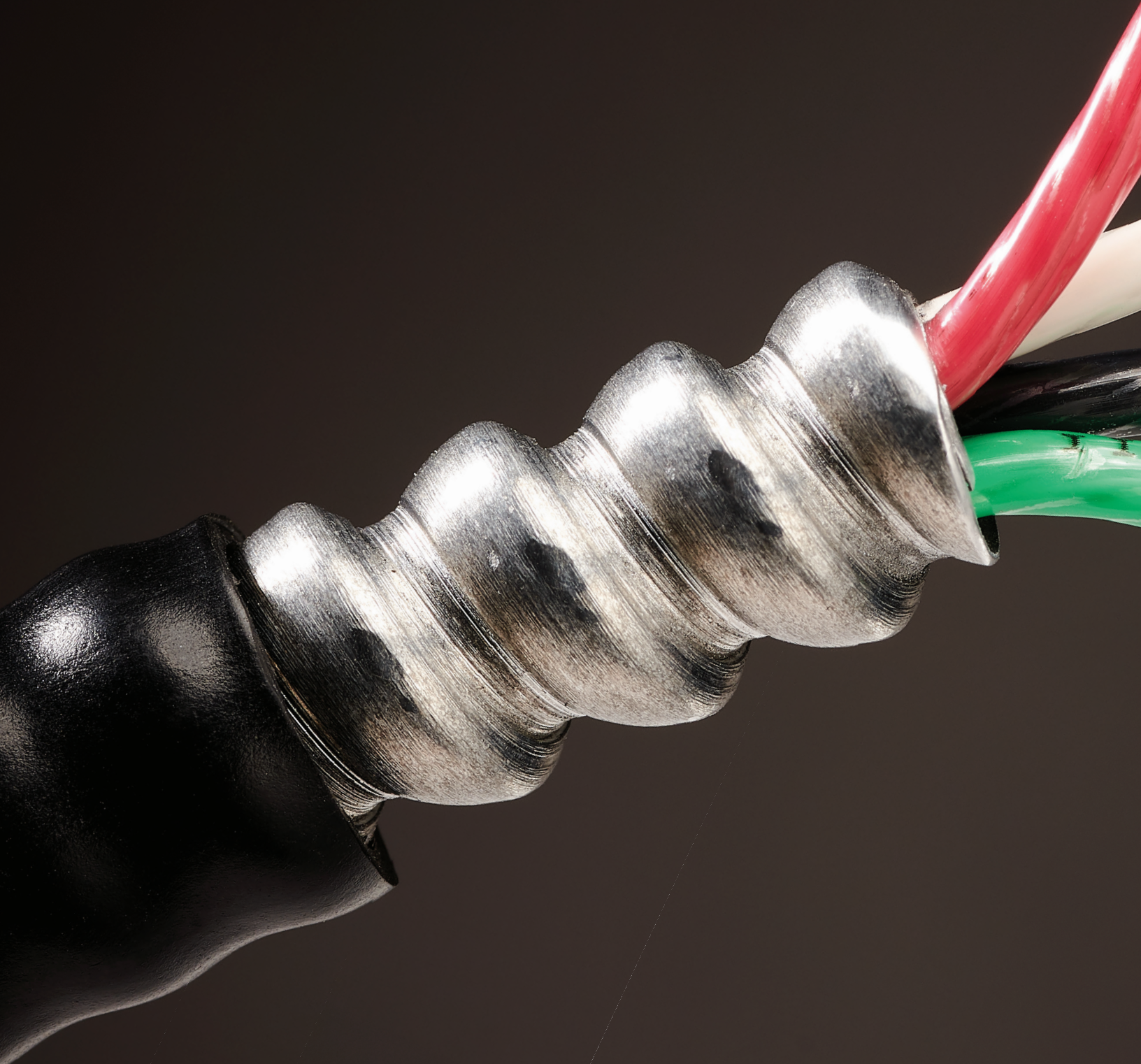
We deliver confidence by insuring prompt response and resolution when and where you need it. When you work with Genesis, you work with the best.



In-Stock, Readily Available

Genesis keeps your business running on schedule, with product availability from more than 10,000 locations nationwide.

Product Overview + Specifications



General Purpose



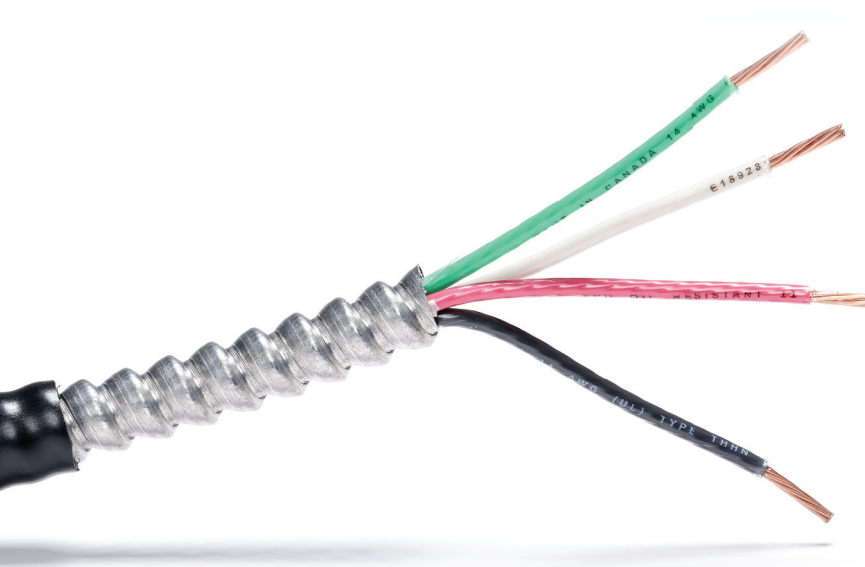
AWG	Number of Conductors	Listing	Part Number
22 (Solid)	2	CL2, Sunlight Resistant	4720
22 (Solid)	5	CL2, Sunlight Resistant	4722
22 (Solid)	7	CL2, Sunlight Resistant	4723
22 (Solid)	8	CL2, Sunlight Resistant	4724
20 (Solid)	2	CL2, Sunlight Resistant	4701
20 (Solid)	3	CL2, Sunlight Resistant	4702
20 (Solid)	4	CL2, Sunlight Resistant	4703
20 (Solid)	5	CL2, Sunlight Resistant	4704
20 (Solid)	6	CL2, Sunlight Resistant	4705
20 (Solid)	7	CL2, Sunlight Resistant	4706
20 (Solid)	8	CL2, Sunlight Resistant	4707
20/18 (Solid) Hybrid	5	CL2, Sunlight Resistant	6713
20/18 (Solid) Hybrid	6	CL2, Sunlight Resistant	6714
20/18 (Solid) Hybrid	8	CL2, Sunlight Resistant	6716
20/18 (Solid) Hybrid	10	CL2, Sunlight Resistant	6718
18 (Solid)	2	CL2, Sunlight Resistant	4710
18 (Solid)	3	CL2, Sunlight Resistant	4711
18 (Solid)	4	CL2, Sunlight Resistant	4712
18 (Solid)	5	CL2, Sunlight Resistant	4713
18 (Solid)	6	CL2, Sunlight Resistant	4714
18 (Solid)	7	CL2, Sunlight Resistant	4715
18 (Solid)	8	CL2, Sunlight Resistant	4716
18 (Solid)	9	CL2, Sunlight Resistant	4717
18 (Solid)	10	CL2, Sunlight Resistant	4718
18 (Solid)	12	CL2, Sunlight Resistant	4719

Plenum Rated



AWG	Number of Conductors	Listing	Part Number
18 (Solid)	2	CL2P	4760
18 (Solid)	3	CL2P	4761
18 (Solid)	4	CL2P	4762
18 (Solid)	5	CL2P	4763
18 (Solid)	6	CL2P	4764
18 (Solid)	8	CL2P	4766
18 (Solid)	10	CL2P	4768

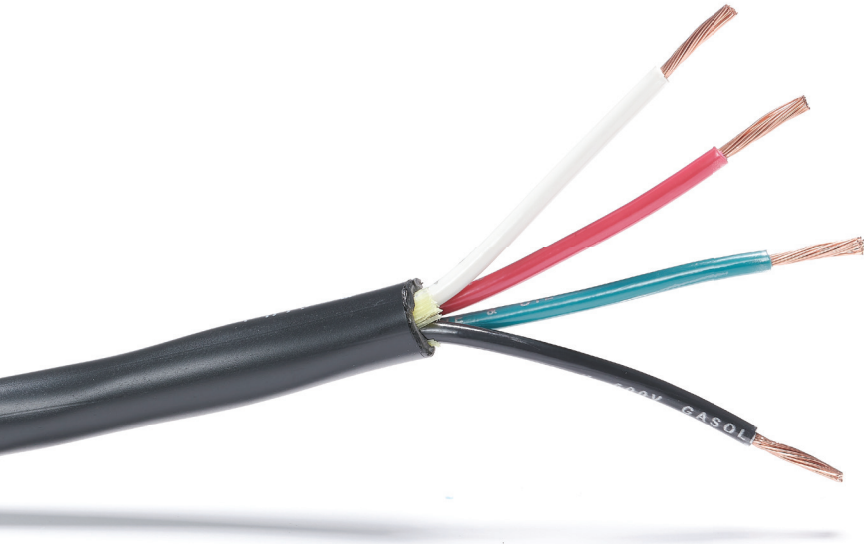
Spinalcord®



- Use for systems where the indoor unit is powered from the condenser.
- Install in-wall without additional conduit.
- Use a water-tight connector such as Bridgeport Fittings P/N: 595-DC2.
- Sunlight resistant and suitable for direct burial.

AWG	Stranding	Number of Conductors	Shielding	Listing	Part Number
14	Stranded	4	Unshielded	Type MC 600V, Direct Burial, Sunlight Resistant	1075

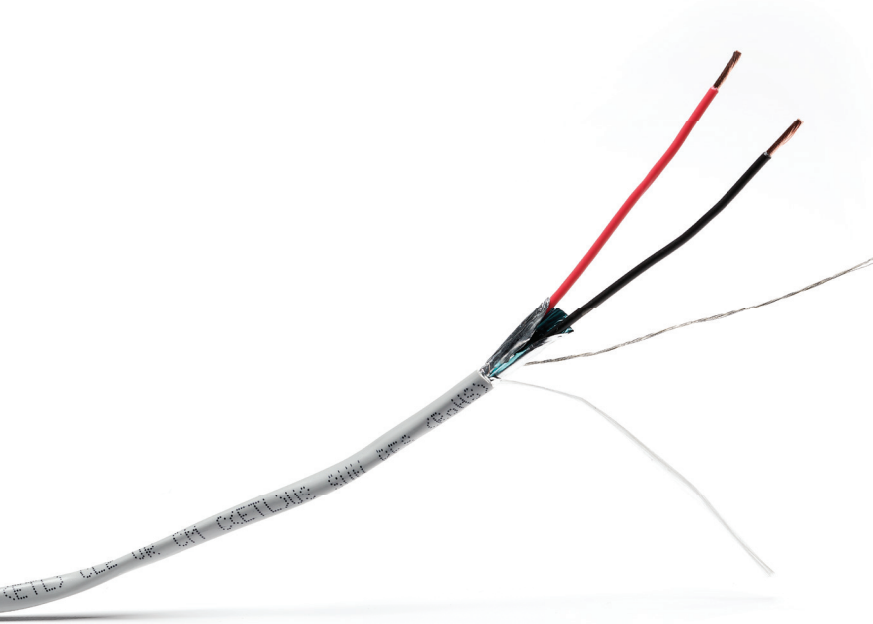
Mini Split Tray



- Use for systems where the indoor unit is powered from the condenser.
- Install in conduit indoors or in-wall.
- In states where the 2017 NEC has been adopted, it may be installed in-wall without conduit in one- and two-family dwellings.
- Sunlight resistant and suitable for direct burial.

AWG	Stranding	Number of Conductors	Shielding	Listing	Part Number
14	Stranded	4	Unshielded	Type TC-ER-JP 600V, Direct Burial, Sunlight Resistant	1070
14	Stranded	7	Unshielded	Type TC-ER-JP 600V, Direct Burial, Sunlight Resistant	1073
16	Stranded	4	Unshielded	Type TC-ER-JP 600V, Direct Burial, Sunlight Resistant	1068

Low-Voltage Mini Split



- Use for systems where the interconnection cable is only for communication.
- Install in-wall without conduit.

AWG	Stranding	Number of Conductors	Shielding	Listing	Part Number
18	Stranded	4	Shielded	CM/CL2, Sunlight Resistant	1215
16	Stranded	2	Shielded	CM/CL2, Sunlight Resistant	1221

Mini Split System Cable Cross-Reference Guide

Mini Split Model	Cable	Communication Cable (Type CM/CL2) Part Number	Tray Cable (Type TC) Part Number	Metal Clad (Type MC) Part Number
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
Envionare				
	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				
	14/4 Stranded THHN 600V		1070	1075
Quietside				
Single & Multizone Inverter	14/4 Stranded THHN 600V		1070	1075
Single-Zone Rotary	14/7 Stranded THHN 600V		1073	
Samsung				
	16/2 Stranded Shielded 300V	1221		
Trane				
	14/4 Stranded THHN 600V		1070	1075
Westinghouse				
	14/4 Stranded THHN 600V		1070	1075
York				
	14/4 Stranded THHN 600V		1070	1075

Building Automation: Communication Cable



AWG	Number of Conductors	Shielding	Listing	Part Number
EIA-485, MS/TP, BACnet® Cable				
24 (Stranded)	2 (1-pair)	Shielded	CMP/FT6	3319
24 (Stranded)	3 (1.5 pairs)	Shielded	CMP/FT6	3323
22 (Stranded)	2 (1-pair)	Shielded	CMP/FT6	3320
22 (Stranded)	3 (1.5 pairs)	Shielded	CMP/FT6	3324
22 (Stranded)	4 (2 pairs)	Shielded	CMP/FT6	3328
18 (Stranded)	2 (1-pair)	Shielded	CMP/FT6	3322
Echelon® LonWorks® Cable				
22 (Stranded)	2 (1 pair)	Unshielded	CMP/FT6	3252
22 (Stranded)	4 (2 pairs)	Unshielded	CMP/FT6	3253
22 (Stranded)	2 (1 pair)	Shielded	CMP/FT6	3254
Trane Comm 3/4 Cable				
18 (Stranded)	2 (1 pair)	Shielded	CMP/FT6	4652

Building Automation: Signal, I/O



AWG	Number of Conductors	Shielding	Listing	Part Number
22 (Stranded)	2	Unshielded	CMP/FT6	3102
22 (Stranded)	3	Unshielded	CMP/FT6	3127
22 (Stranded)	4	Unshielded	CMP/FT6	3104
22 (Stranded)	2	Shielded	CMP/FT6	3202
22 (Stranded)	3	Shielded	CMP/FT6	3227
22 (Stranded)	4	Shielded	CMP/FT6	3204
18 (Stranded)	2	Unshielded	CMP/FT6	3114
18 (Stranded)	3	Unshielded	CMP/FT6	3126
18 (Stranded)	4	Unshielded	CMP/FT6	3115
18 (Stranded)	2	Shielded	CMP/FT6	3214
18 (Stranded)	3	Shielded	CMP/FT6	3226
18 (Stranded)	4	Shielded	CMP/FT6	3215

Building Automation System Cross-Reference Guide

Application	Cable Description	Part Number
Alerton®		
BACtalk® MS/TP	24/1pr Stranded Shielded CMP	3319
BACtalk Sensors	24/1pr Stranded Shielded CMP	3319
VLX-EXP Comm Bus	24/1pr Stranded Shielded CMP	3319
IBEX LAN	24/1pr Stranded Shielded CMP	3319
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
Input & Outputs	18/2 Stranded CMP	3114
Input & Outputs	18/2 Stranded Shielded CMP	3214
Fujitsu®		
LON® Communication	22/1pr Stranded Shielded CMP (Echelon®)	3254
	22/2pr Stranded Shielded CMP (Echelon)	3255
Honeywell® Building Automation Systems		
C-BUS	22/1pr Stranded Shielded CMP (EIA-485 / BACnet®)	3320
LonWorks® E-BUS	22/1pr Stranded CMP (Echelon)	3252
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 Shielded (EIA-485)	3328
Input & Outputs	18/2 Stranded CMP	3114
Input & Outputs	18/3 Stranded CMP	3126
Schneider Electric® - TAC Controls		
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®		
Automation Level Network (ALN) BACnet®	24/1.5pr Stranded Shielded CMP (EIA-485)	3323
Building Level Network (BLN) BACnet®	24/1.5pr Stranded Shielded CMP (EIA-485)	3323
Field Level Network (FLN) BACnet®	24/1.5pr Stranded Shielded CMP (EIA-485)	3323
LON Communication	22/1pr Stranded CMP (Echelon)	3252
Input & Outputs	18/2 Stranded CMP	3114
Input & Outputs	18/3 Stranded CMP	3126
Trane®		
Comm 5 (Echelon)	22/1pr Stranded CMP (Echelon)	3252
Comm 5 (Echelon)	22/1pr Stranded Shielded CMP (Echelon)	3254
Comm 5 (Echelon)	22/2pr Stranded CMP (Echelon)	3253
Comm 3/4	18/1pr Stranded Shielded CMP	4652
Input & Outputs	18/2 Stranded Shielded CMP	3214
Input & Outputs	18/3 Stranded Shielded CMP	3226
Input & Outputs	18/4 Stranded Shielded CMP	3215

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