ASCO Power Technologies™

AccuGuide™ (ACG)
SPD High-Performance Interconnect Assembly
Data Sheet

Benefits:
- UL Listed
- Industry Best Performance
- 10 AWG - 4AWG available wire range
- Trim for best performance
- Improves performance in less-than-ideal Installations
- 5 Year Warranty

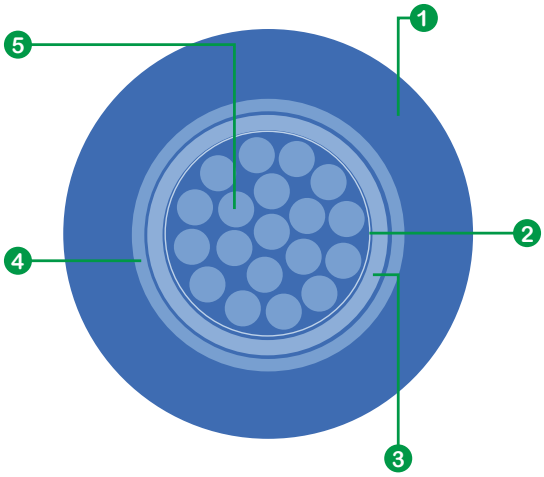
Cable detail

General Specifications
Operating Voltage: 0-600VAC
Operating Frequency: 0-400Hz
Operating Altitude: 4,000 Feet
Operating Temperature: -40° to +90°
Operating Humidity: 0% to 95%
Flame Resistance: VW-1
DC Resistance (MΩ/ft/mode): <1.3
Required Conduit Size 1/2” to 2”
5 Year Warranty (longer optional)

Certifications
UL Listed (E164164)
Patent number: 5,384,429

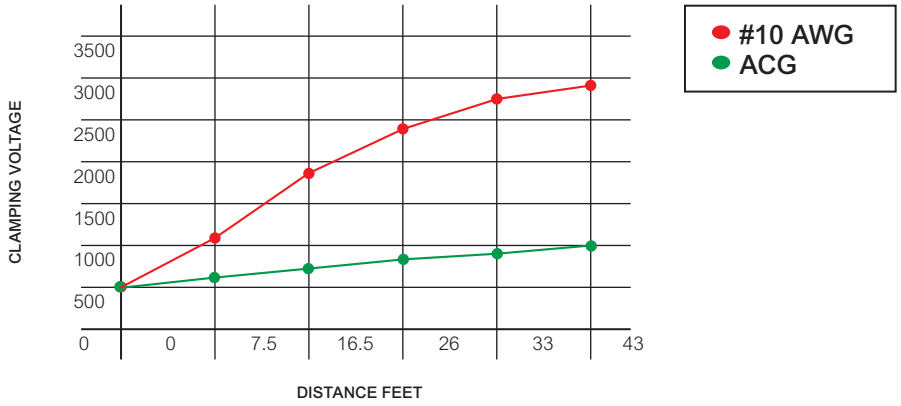
Performance
Extremely low impedance (2-10Ω) unattainable in conventional interconnect
Losses are under 4.2V/ft /kA. Conventional cable losses exceed 16V/ft/kA
Valuable in cases where SPD cannot be installed close (< 5ft)
Provides 400% improved performance
Minimizes inductance through a reduced coaxial aspect ratio

ACG Cable Construction



1. Jacket
2. Primary & Secondary Insulation
3. Inner Braid
4. Outer Braid
5. Conductor

ACG Cable Performance



Model Number Configurator

Consult Factory for additional source configurations, Voltages, Surge Ratings, Monitoring Options, Enclosure Ratings, additional Accessories, Etc.

ACG □□□□ □□ □□

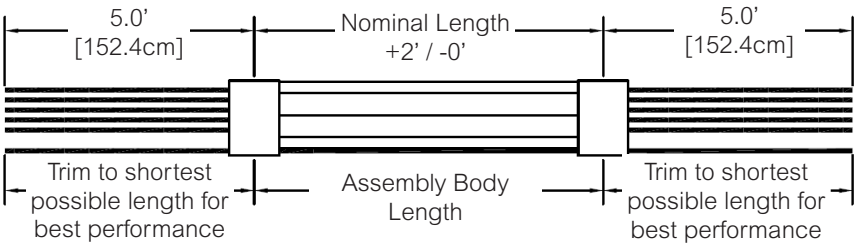
Model ACG Product Line | Configuration | Assembly Body Length | Wire Gauge

S111 = Single Phase, 3W+G (L1,L2,N,G)	05 = 5 Foot Body Length (15 feet total)	04 = #4 AWG
Y111 = Three Phase, 4W+G (L1,L2,L3,N,G)	08 = 8 Foot Body Length (18 feet total)	06 = #6 AWG
D110 = Three Phase, 3W+G (L1,L2,L3,G)	10 = 10 Foot Body Length (20 feet total)	08 = #8 AWG
	12 = 12 Foot Body Length (22 feet total)	10 = #10 AWG
	15 = 15 Foot Body Length (25 feet total)	
	20 = 20 Foot Body Length (30 feet total)	

(not including the 5' pigtail length at each end of the body assembly)

Example: ACGY1110806 =
3-Phase, 4W+G, 8 feet length (18' Total), #6 AWG wire

Dimensional Drawing



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