

AFC CABLE SYSTEMS

AC-PLUS™ CABLE



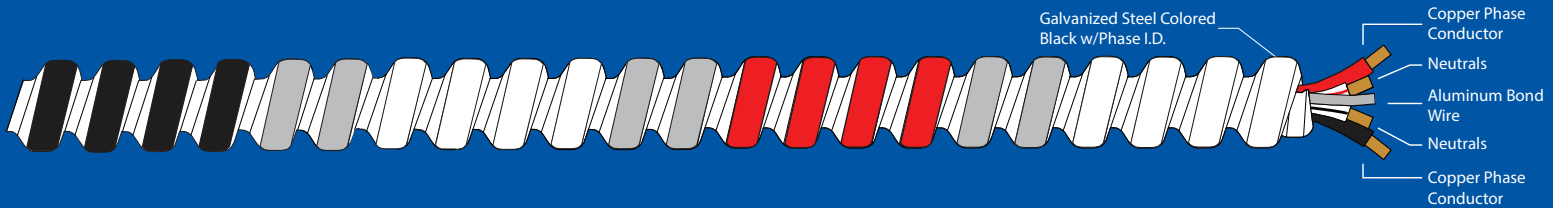
AFC
CABLE SYSTEMS®

A PART OF **atkore**
INTERNATIONAL

AC-Plus™ Cable

Neutral Per Phase Cable

"Twice the cable, half the pull"



DESCRIPTION

- Interlocked Zinc Galvanized Steel Strip Armor
- Solid Copper Conductors
- Type THHN Insulated Conductors with PVC/ Nylon Insulation
- Moisture Resistant Fire Retardant Paper Wrap
- 90°C (Dry)
- Equipment Grounding Conductor: 16 AWG Aluminum Bond Wire in combination with Armor
- White 120/208V Neutrals Identified to Phase with stripes and text*
- Maximum Voltage Rating: 600V

* 480/277 colors available upon request and subject to 5,000 ft minimum runs

APPLICATIONS

- **Solution to NEC requirement 210.4(B) - Multi-wire Disconnecting Means**
- Ideal for AFCI's and GFCI's
- Meets NEC 300.22(C) - Environmental Air Handling Spaces for "Homeruns"
- Supports lighting designs
- Saves time and Space
- Cable Management

AC-PLUS™

AC-PLUS™

PRODUCT CODE		PHASE CONDUCTOR SIZE	NEUTRAL CONDUCTORS	LENGTH (FEET)		APPROXIMATE WEIGHT OF CABLE / 1000 Ft. (lbs)	NOMINAL ARMOR O.D. (INCHES)
COIL	REEL			COIL	REEL		
1406N42-263	1406N60-263	12-2 Black, Red	12-2 White w/Black Text & Stripe, White w/Red Text & Stripe	250	1000	279	0.581
1409N42-263	1409N60-263	10-2 Black, Red	10-2 White w/Black Text & Stripe, White w/Red Text & Stripe	250	1000	367	0.654

REFERENCES & RATINGS

- UL 4, 83, 1479, 1581, 2556, File Reference E7330
- NEC® 210.4(B), 250.118(8), 300.22(C), 392, 320, 645
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD Requirements
- Cable Tray Rated, install per NEC®
- UL Classified 1, 2 and 3-Hour Through-Penetrating-Product (XHLY - File R14141) for Use in Through-Penetration Firestop Systems (XHEZ) identified in File R14141
- Made in USA of US and/or imported materials

In 2011, NYC adopted its latest electrical code, made up of the 2008 National Electric Code (NEC) with amendments. This includes updates to Section 210.4(B) requiring simultaneous disconnects of ungrounded multi-wire branch circuits. This regulation requires multi-wire branch circuits to have a simultaneous disconnect for safety purposes.

- Now allows 12/2 neutral per phase constructions
- Allows power to remain on in other parts of the building
- NYC Electrical Code applies to Manhattan, Brooklyn, Queens, the Bronx, and Staten Island

AFC Cable Systems® has developed AC-Plus™ cable with a neutral per phase construction



For more information, contact:

Thea & Schoen, 380 Allwood Rd., Clifton, NJ 07012, P: 973-472-4720

or contact you local distributor

