



- Conductor:**
Bare stranded class "C" soft drawn copper
- Insulation:**
Thermoplastic high heat resistant nylon coated (THHN) / Thermoplastic heat water resistant nylon coated (THWN)
- Bonding Conductor (Ground):**
1 s stranded class "C" insulated copper conductor (Green)
- Armor:**
Aluminum interlocked armour
- Color Coding:**
Standard low and high voltage colors available (please see part tables for actual colors and options)
Other colors available on request
- Binder Tape:**
Printed Polypropylene
- UL Listing**
E189204

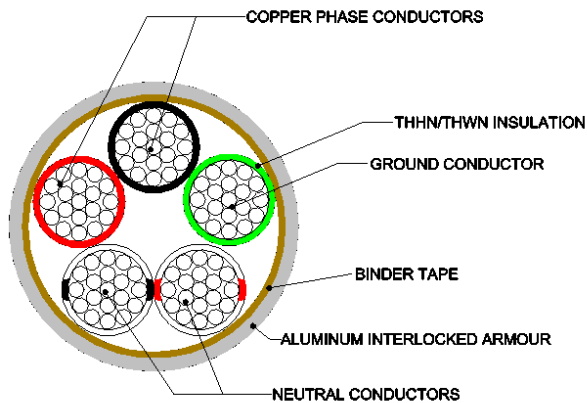
- Applications:**
For installations where excess neutral capacity is required
For concealed wiring in dry locations
For exposed wiring in dry locations.
For branch and feeder and service circuits in commercial, industrial, multi-residential buildings, and places of assembly.
For power, lighting, control, and signal circuits.
For use in cable trays in dry locations.
For use in any raceway.
For use as aerial cable on a messenger
When embedded in plaster finish on brick or other masonry, except in damp or wet locations.
For use when run or fished in the air voids of masonry block or tile walls where such walls are not exposed or subject to excessive moisture or dampness.
Class 1 Division 2, Class 2 Division 2 Hazardous Locations.

- Features:**
Rated at 90°C dry
Excellent crush resistance
Provides long service life
Cost effective alternative to installations in conduit

- Compliances:**
Industry compliances: UL 1569, 2256, 83
Gasoline and oil resistance II
UL trough penetration fire stop systems: C-AJ-3147, C-AJ-3148, C-AJ-3149, FC-3041, FC-3042, WJ-3041, WL 3123, WL-3125, WL-3126, WL-3127, WL 3128

(6 conductor, Double ground, Solid construction shown)

CONSTRUCTION:



2 PHASE CONDUCTORS SHOWN

MC STRANDED NEUTRAL PER LEG – COPPER CONDUCTOR

SIZES #12 #10 AWG

THHN/THWN SINGLE GROUND AIA ARMoured

600 V (UL) 4 TO 12 CONDUCTOR CONSTRUCTION, SINGLE GROUND

FEB 2026

SIZE: #12 CONDUCTOR

PART NO.	NO OF COND.	NO. OF GROUNDS	GROUND WIRE SIZE (AWG /kcmil)	MIN. AVG. NYLON & INSULATION THICKNESS	NOMINAL DIAMETER (OVER)		LBS/ 1000'	INSULATION COLORS
					TWISTED CORE	ARMOR		
				INCHES	INCHES	INCHES		
800867	4	1	12	0.020	0.341	0.530	233	Blk,Rd, Wht/Blk Wht/Rd, Grn
800868	6	1	12	0.020	0.377	0.566	289	Blk,Rd,Be Wht/Blk Wht/Rd, Wht/Be,Grn
802121	8	1	12	0.020	0.452	0.641	356	Blk,Rd,Be,Pk Wht/Blk,Wht/Rd, Wht/Be ,Wht/Pk Grn
800809	10	1	12	0.020	0.498	0.687	415	Blk,Rd,Be,Pk,Pu Wht/Blk,Wht/Rd, Wht/Be ,Wht, Wht/Pu,Grn
801438	12	1	12	0.020	0.547	0.736	475	Bk Rd Be Yw/Bk Yw/Rd Yw/Be Bk/Wt Rd/Wt Be/Wt Wt/Bk Wt/Rd Wt/Be Gn

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES

SIZE: #10 CONDUCTOR

PART NO.	NO OF COND.	NO. OF GROUNDS	GROUND WIRE SIZE (AWG /kcmil)	MIN. AVG. NYLON & INSULATION THICKNESS	NOMINAL DIAMETER (OVER)		LBS/ 1000'	INSULATION COLORS
					TWISTED CORE	ARMOR		
				INCHES	INCHES	INCHES		
800651	4	1	10	0.025	0.434	0.680	263	Blk,Rd, Wht/Blk Wht/Rd, Grn
800673	6	1	10	0.025	0.481	0.727	345	Blk,Rd,Be Wht/Blk Wht/Rd, Wht/Be,Grn
802122	8	1	10	0.025	0.579	0.825	433	Blk,Rd,Be,Pk Wht/Blk,Wht/Rd, Wht/Be ,Wht/Pk Grn
801090	10	1	10	0.025	0.639	0.885	517	Black with number code #1-#5, White with number code #1-#5, Green
801091	12	1	10	0.025	0.704	0.950	568	Black with number code #1-#6, White with number code #1-#6, Green

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