



**Conductor:**  
Bare 12 AWG. stranded soft drawn copper  
Bare 16 AWG. solid soft drawn copper

**Insulation:**  
Thermoplastic high heat resistant nylon coated (THHN) / Thermoplastic high water resistant nylon coated (THWN)

Thermoplastic fixture wire nylon (TFN)

**Color Coding:**  
12 AWG. black, white, green  
16 AWG. gray, purple  
Other colors available upon request

**Bonding Conductor (Ground):**  
One (1) insulated solid soft drawn copper

**Inner jacket:**  
Polyvinyl Chloride (PVC), blue

**Binder Tape:**  
Printed Polypropylene

**Armor:**  
Aluminum interlocked armor

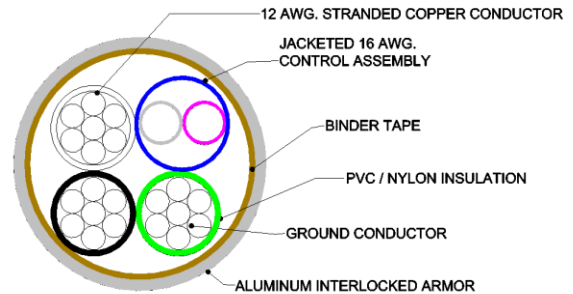
**UL Listing:**  
189204

PVC Outer Jacket available upon request

**Applications:**  
For use in smart buildings  
LED and fluorescent dimming  
Allows control circuits to be placed in a cable with light or power circuits.  
For exposed wiring or concealed wiring in dry locations  
May be embedded in plaster

**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, UL 83, UL 66, UL 1479, UL 2556



PART NO.	NO OF COND.	COND. SIZE (AWG/kc mil)	GROUND WIRE SIZE (AWG /kcmil)	INSULATION /NYLON INCHES	DIAMETER OVER INNER JACKET INCHES	NOMINAL DIAMETER		LBS/ 1000'	AMPACITY AT 90° C
						TWISTED CORE	ARMOR		
						INCHES	INCHES		
802231	2	12	12	0.015/0.005		0.416	0.596	149	30
	2	16		0.015/0.005	0.255				
DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES									
AMPACITY IS BASED ON NEC table 310.15(B)(16)									