

SIZES #18 & 16 AWG TYPE TFN - VW1 SINGLES

SIZES # 14 & 12 AWG TYPE THHN/THWN - VW1 SINGLES

ALUMINUM ARMORED

(UL: 75°C 300V) 2 TO 4 CONDUCTOR CONSTRUCTION



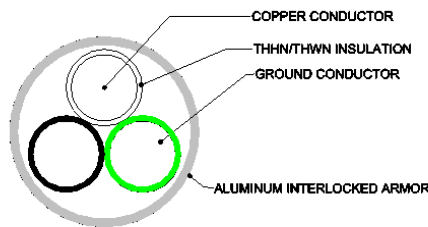
- Conductor:**
Bare solid soft drawn copper
- Insulation:**
Thermoplastic Fixture Wire (TFN)
Thermoplastic high heat resistant nylon coated (THHN) / Thermoplastic high water resistant nylon coated (THWN)
- Bonding Conductor (Ground):**
1 solid insulated copper conductor
- Armor:**
Aluminum interlocked armor
Steel interlocked armour (available upon Request)
- Color Coding:**
2 Conductor Black/White
4 Conductor Black/White/Red/Blue
Green Grounding Conductor
Speciality colors available upon request
- Longitudinal Marker Tape:**
Printed Polypropylene
- UL listing:**
E479979

- Power limited fire alarm circuits
Class 1, Class 2 and Class 3 remote control and power limited circuits
For concealed wiring in dry locations
For exposed wiring in dry locations.
For use in cable trays in dry locations.
For use in any raceway or cable tray
When embedded in plaster finish on brick or other masonry, except in damp or wet locations.

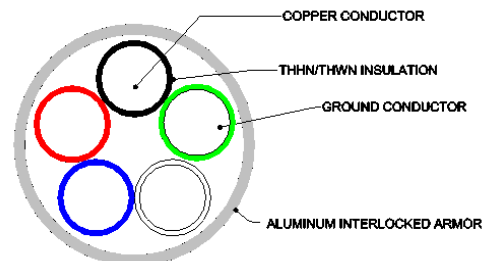
- Features:**
Rated at 75°C dry
Excellent crush resistance
Provides long service life
Cost effective alternative to installations in conduit

- Compliances:**
Industry compliances: UL 1424, 2556, 66, 83, RoHS
NFPA 262 Standard Method of Test for Flame and Smoke of Wire and Cables for Use in Air-Handling Spaces
Gasoline and oil resistance II
UL Through 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

(2 conductor shown)



BLACK, WHITE, GREEN (GROUND)



BLACK, WHITE, RED, BLUE, GREEN (GROUND)

| CONDUCTOR TYPE | NO OF COND. | COND. SIZE (AWG/kcmil) | GROUND WIRE SIZE (AWG/kcmil) | MIN. AVG. INSULATION THICKNESS PVC/Nylon) INCHES | NOMINAL DIAMETER (OVER) | | WEIGHT LBS/ 1000' |
|-----------------|-------------|------------------------|------------------------------|--|-------------------------|-----------------|-------------------------|
| | | | | | INSULATION INCHES | ARMOR INCHES | |
| SOLID TFN | 2 | 18 | 18 | 0.015/0.005 | 0.188 | 0.386 | 51 |
| | 4 | 18 | 18 | 0.015/0.005 | 0.232 | 0.430 | 74 |
| | 2 | 16 | 16 | 0.015/0.005 | 0.210 | 0.408 | 67 |
| | 4 | 16 | 16 | 0.015/0.005 | 0.260 | 0.458 | 94 |
| SOLID THHN/THWN | 2 | 14 | 14 | 0.015/0.005 | 0.432 | 0.432 | 76 |
| | 4 | 14 | 14 | 0.015/0.005 | 0.290 | 0.488 | 112 |
| | 2 | 12 | 12 | 0.015/0.005 | 0.271 | 0.469 | 103 |
| | 4 | 12 | 12 | 0.015/0.005 | 0.328 | 0.534 | 118 |

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES