



(2 conductor shown)

Conductor:
12 AWG. and 10 AWG. solid copper

Insulation:
Cross-linked Polyethylene (XLPE) Type RW90

Colour Coding:
Black, white, red, green (isolated ground)

Bonding Conductor (Ground):
One (1) bare solid copper conductor

Armour:
Aluminum interlocked armour

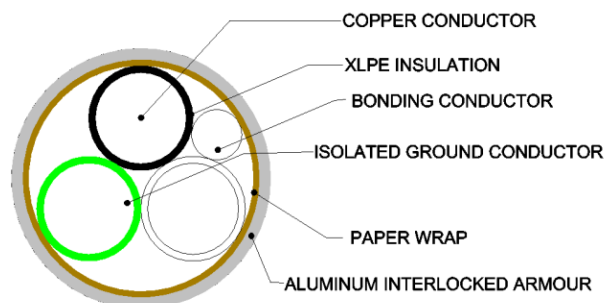
Stripe:
Green luminescent tape helically applied over the armour, for easy identification

CSA Licence:
109933

Applications:
For exposed and concealed wiring in dry, locations
For use in ventilated, Non-ventilated and ladder-type cable trays in dry locations
For patient care areas (Including nursing homes dental offices and health care centers) in accordance with rules 24-102 and 24-104 of the Canadian Electrical Code Part 1

Features:
Rated at 90°C dry
Excellent crush resistance
Provides long service life
Cost effective alternative to installations in conduit
Meets cold bend and impact tests at (-40°C)

Compliances:
Industry compliances: CSA Standard C22.2 No. 51, No.38 and No.2256, RoHS
Flame test compliances: CSA ST1 and FT4



(2 conductor shown)

| PART NO. | NO OF COND. | COND. SIZE (AWG/kcmil) | GROUND WIRE SIZE (AWG) | ISOLATED GROUND WIRE SIZE (AWG) | MIN. AVG. INSULATION THICKNESS | | NOMINAL DIAMETER (OVER) | | | | NET WEIGHT KG/KM | AMPACITY AT 90° C |
|----------|-------------|------------------------|------------------------|---------------------------------|--------------------------------|------|-------------------------|-----|--------|-------|------------------|-------------------|
| | | | | | | | TWISTED CORE | | ARMOUR | | | |
| | | | | | | | INCHES | mm | INCHES | mm | | |
| 802076 | 2 | 12 | 14 | 12 | 0.03 | 0.76 | 0.303 | 7.7 | 0.485 | 12.32 | 151 | 20 |
| 802078 | 2 | 12 | 12 | 12 | 0.03 | 0.76 | 0.309 | 7.8 | 0.491 | 12.47 | 191 | 20 |
| 802080 | 2 | 10 | 12 | 10 | 0.03 | 0.76 | 0.349 | 8.9 | 0.531 | 13.49 | 253 | 30 |
| 802082 | 2 | 10 | 10 | 10 | 0.03 | 0.76 | 0.36 | 9.1 | 0.542 | 13.77 | 268 | 30 |

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES

AMPACITY IS BASED ON CEC Part 1



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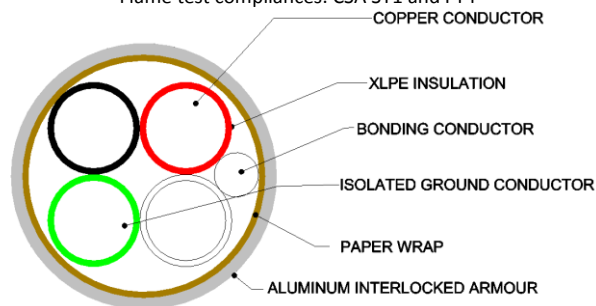
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(3 conductor shown)

| PART NO. | NO OF COND. | COND. SIZE (AWG/kcmil) | BARE GROUND WIRE SIZE (AWG) | ISOLATED GROUND WIRE SIZE (AWG) | MIN. AVG. INSULATION | | NOMINAL DIAMETER (OVER) | | | | NET WEIGHT KG/KM | AMPACITY AT 90° C |
|----------|-------------|------------------------|-----------------------------|---------------------------------|----------------------|------|-------------------------|------|--------|-------|------------------|-------------------|
| | | | | | INCHES | mm | TWISTED CORE | | ARMOUR | | | |
| | | | | | | | INCHES | mm | INCHES | mm | | |
| 802077 | 3 | 12 | 14 | 12 | 0.03 | 0.76 | 0.342 | 8.7 | 0.524 | 13.31 | 182 | 20 |
| 802079 | 3 | 12 | 12 | 12 | 0.03 | 0.76 | 0.351 | 8.9 | 0.533 | 13.54 | 237 | 20 |
| 802081 | 3 | 10 | 12 | 10 | 0.03 | 0.76 | 0.397 | 10.1 | 0.579 | 14.71 | 248 | 30 |
| 802083 | 3 | 10 | 10 | 10 | 0.03 | 0.76 | 0.407 | 10.3 | 0.589 | 14.96 | 320 | 30 |

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