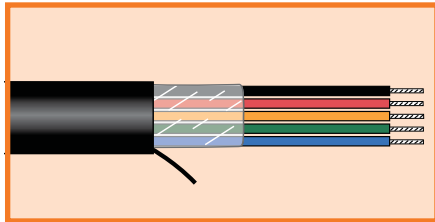


# Xtra-Guard® 4



## Advanced Temperature and Chemical Performance 300 V Unshielded, Multiconductor



**UL AWM 20237**  
**UL PLTC\***  
**CSA AWM I/II A/B FT1**  
**MSHA P-07-KA070017-MSHA**  
**NEC Class 1, Div 2 (22 & 20 AWG)**

### Operating Temperature

- -50°C to +125°C

### Conductor Color Coding

- 24, 22 AWG: Chart E (page 532)
- 20, 18, 16 AWG: Chart D (page 531)
- Nine jacket colors (black standard)
- Custom colors available

### Materials

- Stranded tinned copper conductors
- TPE insulation
- TPE jacket
- Nylon ripcord

### Availability

Made to order  
 1000 ft (305 m) minimum

### FIT® Tubing Recommendations

- FIT-600: highly flexible, cross-linked elastomer
- FIT-400: temperature/chemical resistant FEP

#### 24 AWG (0.23 mm²)\*

Stranding: 7/32 (7 x 0.20 mm)  
 Insulation thickness: 0.016 (0.41 mm)

| Part No. | Conductors | Nominal Diameter |       | Jacket Thickness |      |
|----------|------------|------------------|-------|------------------|------|
|          |            | Inch             | mm    | Inch             | mm   |
| 45012    | 2          | 0.200            | 5.08  | 0.042            | 1.07 |
| 45013    | 3          | 0.209            | 5.31  | 0.042            | 1.07 |
| 45014    | 4          | 0.224            | 5.69  | 0.042            | 1.07 |
| 45016    | 6          | 0.257            | 6.53  | 0.042            | 1.07 |
| 45018    | 8          | 0.275            | 6.99  | 0.042            | 1.07 |
| 45020    | 10         | 0.312            | 7.92  | 0.042            | 1.07 |
| 45020/15 | 15         | 0.347            | 8.81  | 0.042            | 1.07 |
| 45020/20 | 20         | 0.383            | 9.73  | 0.042            | 1.07 |
| 45020/25 | 25         | 0.424            | 10.77 | 0.042            | 1.07 |

\* UL AWM 20237, CSA AWM I/II A/B FT1 only

#### 22 AWG (0.35 mm²)

Stranding: 7/30 (7 x 0.25 mm)  
 Insulation thickness: 0.016 (0.41 mm)

| Part No. | Conductors | Nominal Diameter |       | Jacket Thickness |      |
|----------|------------|------------------|-------|------------------|------|
|          |            | Inch             | mm    | Inch             | mm   |
| 45002    | 2          | 0.218            | 5.54  | 0.045            | 1.14 |
| 45003    | 3          | 0.228            | 5.79  | 0.045            | 1.14 |
| 45004    | 4          | 0.244            | 6.20  | 0.045            | 1.14 |
| 45006    | 6          | 0.281            | 7.14  | 0.045            | 1.14 |
| 45008    | 8          | 0.301            | 7.65  | 0.045            | 1.14 |
| 45010    | 10         | 0.342            | 8.69  | 0.045            | 1.14 |
| 45010/15 | 15         | 0.380            | 9.65  | 0.045            | 1.14 |
| 45010/20 | 20         | 0.441            | 11.20 | 0.055            | 1.40 |
| 45010/25 | 25         | 0.486            | 12.34 | 0.055            | 1.40 |

#### 20 AWG (0.56 mm²)

Stranding: 7/28 (7 x 0.32 mm)  
 Insulation thickness: 0.016 (0.41 mm)

| Part No. | Conductors | Nominal Diameter |       | Jacket Thickness |      |
|----------|------------|------------------|-------|------------------|------|
|          |            | Inch             | mm    | Inch             | mm   |
| 45052    | 2          | 0.234            | 5.94  | 0.045            | 1.14 |
| 45053    | 3          | 0.245            | 6.22  | 0.045            | 1.14 |
| 45054    | 4          | 0.264            | 6.71  | 0.045            | 1.14 |
| 45056    | 6          | 0.306            | 7.77  | 0.045            | 1.14 |
| 45058    | 8          | 0.328            | 8.33  | 0.045            | 1.14 |
| 45060    | 10         | 0.374            | 9.50  | 0.045            | 1.14 |
| 45060/15 | 15         | 0.437            | 11.10 | 0.055            | 1.40 |
| 45060/20 | 20         | 0.483            | 12.27 | 0.055            | 1.40 |
| 45060/25 | 25         | 0.534            | 13.56 | 0.055            | 1.40 |

