## ENGINEERING SPECIFICATIONS

### Standards
Underwriters Laboratories Standards UL-44, UL-854, UL-1581, UL-1685, UL-2556; Federal Specification A-A-59544; NEMA WC70/ICEA S-95-658; American Standards Institute; NFPA 70 (NEC®) Article 310; UL-1685 Method 1 (7,000 Btu/hr) Flame Test (1/0 AWG and larger); ICEA S-81-570; NEMA RV-4-2016; ARRA 2009 Section 1605 “Buy American” Compliant; RoHS Compliant; MasterSpec Division 26 Sections 260519, 260623, WW-1 or IEEE 1202 (FT4) optional. UL Listing #E-174428

### CONSTRUCTION

#### Conductors
Stranded conductors, uncoated copper per ASTM-B8 and ASTM-B787

#### Insulation
Cross-linked polyethylene (XLPE) insulation per UL-854

### APPLICATIONS
Type USE-2 or RHH or RW-2 copper conductors are suitable for use in raceways installed underground in wet locations, and where condensation and moisture accumulations within the conduit do not exceed 90°C. Applications requiring direct burial are permitted for Type USE-2, RHH, RW-2 per UL-854. For applications requiring Type RHH or RW-2, conductor temperatures shall not exceed 90°C in wet or dry locations. Type USE-2 or RHH or RW-2 is permitted for 600 volt applications.

### FEATURES
10 AWG and larger rated for Sunlight Resistance in all colors. Cables comply with UL’s FT-2 (horizontal wire flame). On 250 KCMIL and larger, sequential foot markings located every foot for easy measuring. For 1 AWG through 4/0 AWG, sequential foot markings on master reels only unless otherwise specified. 1/0 AWG and larger are rated for cable tray use and comply with UL-1685-Method 1 (70,000 Btu/hr) flame test. Excellent ruggedized and mechanical protection.

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<table>
<thead>
<tr>
<th>Size (AWG or KCMIL)</th>
<th>No. of Strands</th>
<th>XLPE Insulation Thickness (mm)</th>
<th>Outside Diameter (mm)</th>
<th>Allowable Ampacity (Amps)</th>
<th>Approximate Net Weight (lbs/1000 ft)</th>
<th>Standard Packaging</th>
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1. Ampacity of conductors are based on NFPA 70 (NEC) Table 310.15(B)(16). See 110.14(C), 240.4(D) and 310.15(B) for other limitations where applicable. The above data is approximate and subject to normal manufacturing tolerances.

### PRINT LEGEND:
1. 12 AWG: ENCORE®WIRE:CORP*(SIZE)*TYPE*USE-2*OR*RHH*OR*RHW*OR*RHW-2*DIR-BUR*FT2*600V*XLPE*(UL)
2. 10 AWG THROUGH 1 AWG: ENCORE®WIRE:CORP*(SIZE)*TYPE*USE-2*OR*RHH*OR*RHW*OR*RHW-2*DIR-BUR*FT2*600V*XLPE*FOR*CT*USE*(UL)
3. 1/0 AWG THROUGH 1000 KCMIL: ENCORE®WIRE:CORP*(SIZE)*TYPE*USE-2*OR*RHH*OR*RHW*OR*RHW-2*DIR-BUR*FT2*600V*XLPE*FOR*CT*USE*(UL)

### PACKAGING:
Available on Encore’s Reel Payoff and Reel Deal.