



# HVXLPE Wire

## CSA TV-20, UL 3239

### 105°C, 20 KV

#### Description

Heat Resistant high voltage irradiated XLPE insulated wire that has excellent abrasion resistance and exhibits no shrink-back even when in direct contact with a soldering iron.

#### Approvals

CSA Type TV - 20  
UL Style 3239  
VW-1

#### Construction

Stranded tinned overcoated copper conductors  
Irradiated cross-linked Polyethylene (XLPE) insulation.

#### Temperature Rating

105°C

#### Voltage Rating

20,000 Volts DC

#### Application

This electronic high voltage wire is suited for application as internal wiring in television receivers, and other electronic equipment. Resists corona and is very reliable in high voltage applications.

#### Optional Constructions

HV-SR - silicone rubber jacket  
HV-HDPE+XLPE - High Density Polyethylene (HDPE) insulation and a white cross-linked polyethylene XLPE jacket.



| Sycor Part # | AWG | Stranding | Insulation Thickness (in) | Voltage Rating (Volts) | Nom. O.D. (in) |
|--------------|-----|-----------|---------------------------|------------------------|----------------|
| S2C1807PF    | 18  | 7/30      | .050                      | 20,000                 | 0.130"         |
| S2C2007PF    | 20  | 7/30      | .050                      | 20,000                 | 0.136"         |
| S2C2207PF    | 22  | 7/30      | .050                      | 20,000                 | 0.144"         |
| S2C2407PF    | 24  | 7/30      | .050                      | 20,000                 | 0.154"         |

*Replace suffix PF (overcoat) with T for tinned copper conductors.  
Additional strandings and voltages available 5K to 50KV upon request.*

#### Color

Stock colors 0-9. Custom colors and striped combinations available upon request.

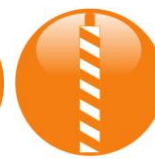
#### Color Codes



#### Value Added Services



Cutting



Stripping



Printing



Terminating



Printing



Tin Dipping

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