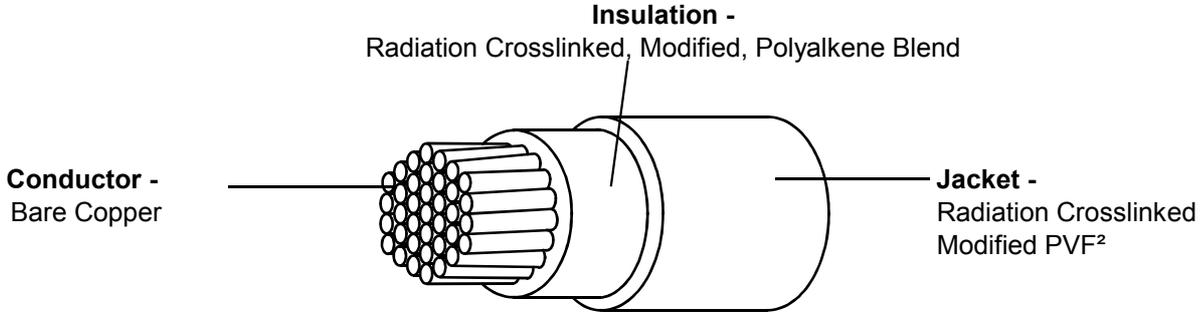


WIRE, MODIFIED FLUOROPOLYMER INSULATED, T4 (3000 Hours @ 150°C) 50 VOLT, LIGHTWEIGHT

The complete requirements for procuring the wire described herein shall consist of this document.



Pictorial representation for description only

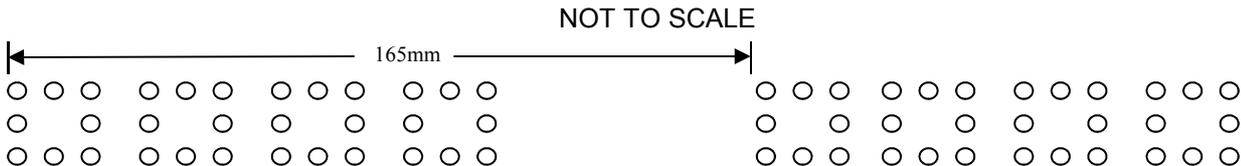
| Part Description | Conductor | | | | Finished Wire | | | | | | |
|------------------|---|---------------------------------|--------------------|----------------------------------|---|------------------|--------|------------------|--------------------------------|------|--------------------------------------|
| | Cross Sectional Area (mm ²) | Nominal Stranding No./diam (mm) | Diameter (mm) Max. | Resistance @ 20°C (Ohms/km) Max. | Minimum Overall Insulation Thickness (mm) | Diameter (mm) | | | Weight Per Unit Length (kg/km) | | Copper Weight Information Only (g/m) |
| | | | | | | Lower Spec Limit | Target | Upper Spec Limit | Nom. | Max. | |
| | | | | | | | | | | | |
| ACW7219-2.00-* | 2.00 | 19/0.36 | 1.79 | 9.80 | 0.25 | 2.21 | 2.27 | 2.33 | | 20.5 | 17.6 |
| ACW7219-8.00-* | 8.00 | 61/0.41 | 3.50 | 2.30 | 0.60 | 4.80 | 4.95 | 5.15 | 90.0 | | 85.0 |

COLOUR CODE: The '**' in the part number shall be replaced by a standard numerical colour code designator. e.g. ACW7219-8.00-0 Black base colour. Only available in Black (0), Black with a green stripe (05) and Red (2). Where stripes are required, the wire carries two co-extruded longitudinal stripes of the same colour. The individual stripe width is a minimum of 10% of the wire circumference with an overall stripe coverage of 30% maximum

PERFORMANCE REQUIREMENTS: To be tested to and meet the requirements of the issue in effect of WSD 1776.

MARKING REQUIREMENTS: All wire to be marked, with the following exceptions, Wire for:
 component use,
 Spooling instruction S50 and SMP-SP.
 Frequency of mark:
 Repeat mark along length of wire at a distance of 165 mm between the start of one mark and the start of another.
 Colour of mark:
 All products regardless of stripe colour are to be marked using white ink.

MARK DETAIL: In white ink



APPROVAL: Electronic approval - no signatures will appear.