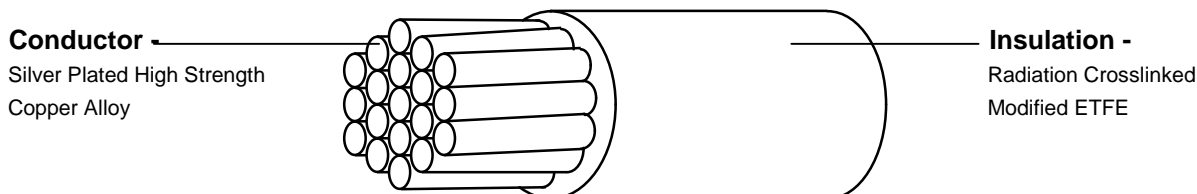


WIRE, MODIFIED FLUOROPOLYMER INSULATED, 450 VOLT, 200°C LIGHTWEIGHT

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



| Part Description | Conductor | | | FINISHED WIRE | | | | | |
|------------------|--------------------------|---------------|------|----------------------------------|---------------|--------|------|--------------|------|
| | Stranding No./Diam. (mm) | Diameter (mm) | | Max. Resistance @ 20°C (ohms/km) | Diameter (mm) | | | Weight kg/km | |
| | | Min. | Max. | | Min. | Target | Max. | Target | Max. |
| AMF55-30-* | 19/0.063 | 0.29 | 0.31 | 371 | 0.47 | 0.50 | 0.54 | 0.69 | 0.88 |
| AMF55-28-* | 19/0.079 | 0.36 | 0.38 | 238 | 0.54 | 0.58 | 0.61 | 1.00 | 1.23 |
| AMF55-26-* | 19/0.102 | 0.47 | 0.49 | 141 | 0.65 | 0.68 | 0.72 | 1.57 | 1.88 |
| AMF55-24-* | 19/0.127 | 0.59 | 0.61 | 89.1 | 0.77 | 0.80 | 0.84 | 2.37 | 2.77 |

COLOUR CODE: The '*' in the part number shall be replaced by a standard colour code designator in accordance with Mil Std 681.

e.g. AMF55-24-9 Size 24, White insulation

PERFORMANCE REQUIREMENTS To be tested to and meet the requirements of the issue in effect of Specification 55A, with the exception of Tensile Strength of Conductor, which shall be 550 N/mm² minimum.

ADDITIONAL REQUIREMENT Minimum wall thickness 0.085mm
Insulation Flaws - 100% Spark Test - 2.5kV rms, 3.5 kV peak impulse
Routine Ageing test at 200°C for 7 hours using weights and mandrels as per 55A0114 SCD.

APPROVAL: Electronic sign off - no signatures will appear.