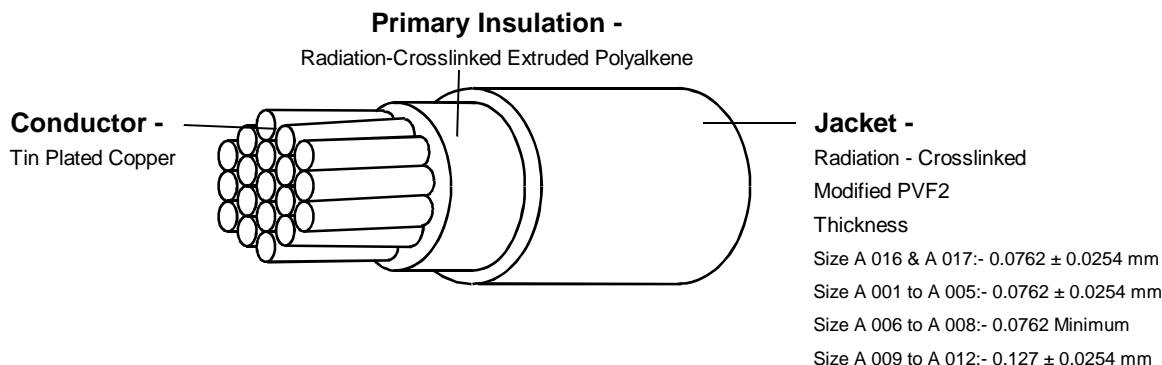


WIRE, ELECTRICAL, RADIATION CROSSLINKED, MODIFIED FLUOROPOLYMER INSULATED,
TIN COATED COPPER, 150°C, 600 VOLT, LIGHTWEIGHT

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



| Part Description | Nominal Cross Sectional Area (mm²) | CONDUCTOR | | | FINISHED WIRE | | | | | Nato Stock Number 6145- 12- |
|---------------------|--|--------------------------------|------------------|------|--|---------------|--------|-------|------------------------------|---|
| | | Stranding No./Diam. (mm) | Diameter (mm) | | Maximum Resistance @ 20°C (Ohms/km) | Diameter (mm) | | | Maximum Weight (kg/km) | |
| | | | | | | Lower | Target | Upper | | |
| | | | Spec Limit | | | Spec Limit | | | | |
| VG 95218 T020 A016 | 0.25 | 19/.127 | 0.58 | 0.61 | 86.00 | 1.003 | 1.016 | 1.041 | 2.99 | 165-2230 |
| VG 95218 T020 A001 | 0.40 | 19/.16 | 0.74 | 0.76 | 53.10 | 1.168 | 1.194 | 1.219 | 4.40 | 164-8663 |
| VG 95218 T020 A002 | 0.50 | 37/.127 | 0.83 | 0.86 | 42.30 | 1.270 | 1.295 | 1.320 | 5.47 | 306-2456 |
| VG 95218 T020 A003 | 0.60 | 37/.14 | 0.93 | 0.96 | 33.50 | 1.372 | 1.397 | 1.422 | 6.60 | 181-1850 |
| VG 95218 T020 A004 | 0.75 | 37/.16 | 1.03 | 1.08 | 26.60 | 1.499 | 1.524 | 1.549 | 8.25 | 187-8108 |
| VG 95218 T020 A005 | 1.00 | 37/.18 | 1.18 | 1.23 | 21.00 | 1.651 | 1.676 | 1.702 | 10.29 | 187-6676 |
| VG 95218 T020 A006 | 1.20 | 37/.20 | 1.34 | 1.37 | 16.40 | 1.829 | 1.854 | 1.880 | 12.84 | 187-6677 |
| VG 95218 T020 A007 | 1.50 | 37/.23 | 1.49 | 1.53 | 13.50 | 2.032 | 2.057 | 2.083 | 15.85 | 187-8109 |
| VG 95218 T020 A008 | 2.50 | 37/.287 | 1.85 | 1.89 | 8.20 | 2.489 | 2.540 | 2.591 | 24.08 | 187-8110 |
| VG 95218 T020 A017 | 3.00 | 37/.32 | 2.13 | 2.16 | 6.63 | 2.692 | 2.743 | 2.794 | 30.09 | 185-3573 |
| VG 95218 T020 A009 | 4.00 | 7X33X.16# | 2.65 | 3.00 | 5.09 | 4.520 | 4.595 | 4.670 | 58.00 | 199-4671 |
| VG 95218 T020 A010 | 6.00 | 7X27X.21# | 3.35 | 3.80 | 3.39 | 5.000 | 5.150 | 5.500 | 79.00 | 307-4348 |
| VG 95218 T020 A011 | 10.00 | 19X17X.21# | 4.30 | 4.80 | 1.95 | 6.071 | 6.147 | 6.223 | 124.00 | 188-2429 |
| VG 95218 T020 A012 | 16.00 | 19X27X.21# | 5.20 | 5.80 | 1.24 | 7.010 | 7.061 | 7.112 | 188.00 | 307-4349 |

Indicates conductor stranding diameter shall be Maximum, otherwise shall be nominal

COLOUR CODE: All above products shall be white except where coloured components are defined within the issue in effect of VG95218 cable constructions that use Type 20 components. Coloured VG 95218 T020A components are strictly for VG released cable constructions only.

NOTE: Nato Stock Numbers (NSN) apply to white wire only.

PERFORMANCE REQUIREMENTS: Shall be tested to the issue in effect of WSD 955
Shall meet the requirements of the issue in effect of VG 95218 Part 20 Specification for for Type A cables.

APPROVAL: Electronic approval - no signatures will appear.

Mouser Electronics

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