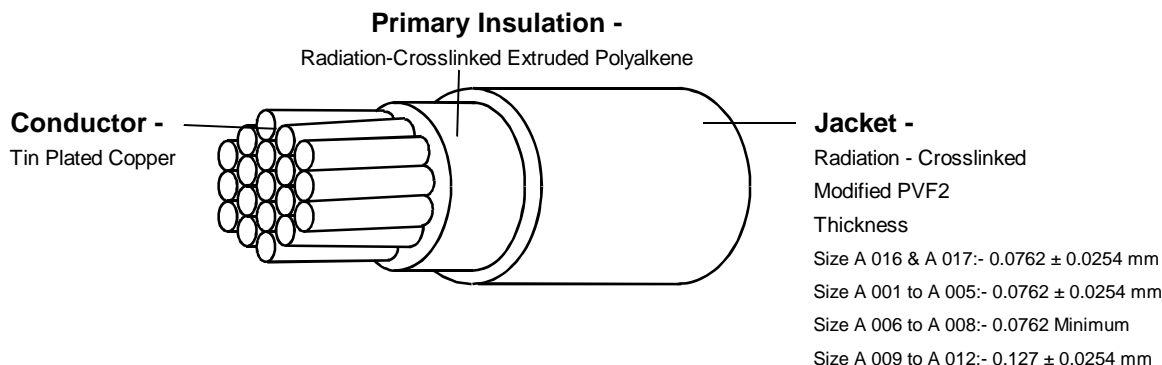


WIRE, ELECTRICAL, RADIATION CROSSLINKED, MODIFIED FLUOROPOLYMER INSULATED,  
TIN COATED COPPER, 150°C, 600 VOLT, LIGHTWEIGHT

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



Part Description	Nominal Cross Sectional Area (mm <sup>2</sup> )	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)	
			Min.	Max.		Lower Spec Limit	Target	Upper 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.