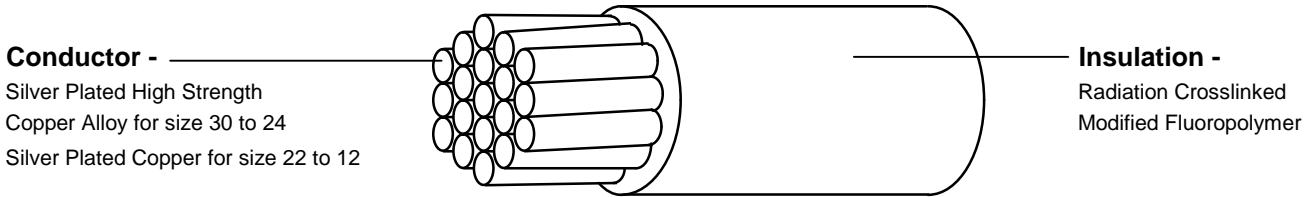


WIRE, ELECTRIC, LOW OUTGASSING, RADIATION CROSSLINKED MODIFIED FLUOROPOLYMER
 INSULATED, SILVER COATED COPPER LIGHTWEIGHT, 600 VOLT, 200°C

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



ESCC Part Number	Part Description	Conductor Stranding No./ Diam. (mm)	Conductor Diameter (mm)		FINISHED WIRE			
			Min.	Max.	Maximum Resistance @ 20°C (ohms/ km)	Diameter (mm)		Maximum Weight (kg/ km)
						Target	Max.	
390101201B	55/9952-30-X(LAT#)	7/0.10	0.28	0.30	385.1	0.61	0.63	0.93
390101202B	55/9952-28-X(LAT#)	7/0.12	0.36	0.38	244.0	0.66	0.69	1.26
390101203B	55/9952-26-X(LAT#)	19/0.10	0.48	0.50	149.0	0.83	0.86	2.05
390101204B	55/9952-24-X(LAT#)	19/0.12	0.57	0.59	106.2	0.95	0.99	2.78
390101205B	55/9952-22-X(LAT#)	19/0.15	0.70	0.76	54.3	1.10	1.14	4.27
390101206B	55/9952-20-X(LAT#)	19/0.20	0.95	0.98	32.3	1.32	1.37	6.63
390101207B	55/9952-18-X(LAT#)	19/0.25	1.21	1.24	20.3	1.57	1.62	9.89
390101208B	55/9952-16-X(LAT#)	19/0.30	1.46	1.50	14.8	1.83	1.90	14.05
390101209B	55/9952-14-X(LAT#)	37/0.25	1.69	1.74	10.2	2.21	2.29	19.44
390101210B	55/9952-12-X(LAT#)	37/0.32	2.15	2.21	6.51	2.64	2.74	29.92

- COLOUR CODE:** The 'X' in the part number shall be replaced by a standard colour code designator in accordance with ECSS No. 3901/012 clause 4.5.3 e.g. 55/9952-22-9 Colour white
- PERFORMANCE REQUIREMENTS:** To meet the requirements of the issue in effect of ESCC Detail Specification No. 3901/012. To be tested to the specified Test Level (i.e. B) and the Lot Acceptance Level Tests as defined in the issue in effect of ESCC Generic Specification No. 3901 (Chart V) where "#":
 LAT1 - Lot Acceptance Test Level 1
 LAT2 - Lot Acceptance Test Level 2
 LAT3 - Lot Acceptance Test Level 3
- ADDITIONAL ROUTINE TESTS :** Insulation Elongation: 50% minimum.
 Insulation Tensile Strength: 35 N/mm² minimum.
 Crosslink proof Test: 7 Hours @ 300°C, followed by
 Voltage Withstand test as per ESCC Generic Specification No. 3901 Clause 9.7.
 Mandrels and Weights as per ESCC 3901/012 Clause 4.8.2, Table A.
- ORDERING DETAILS :** The purchase order shall state the Lot Acceptance Level as above (#).
- APPROVAL:** Electronic sign off - no signatures will appear.