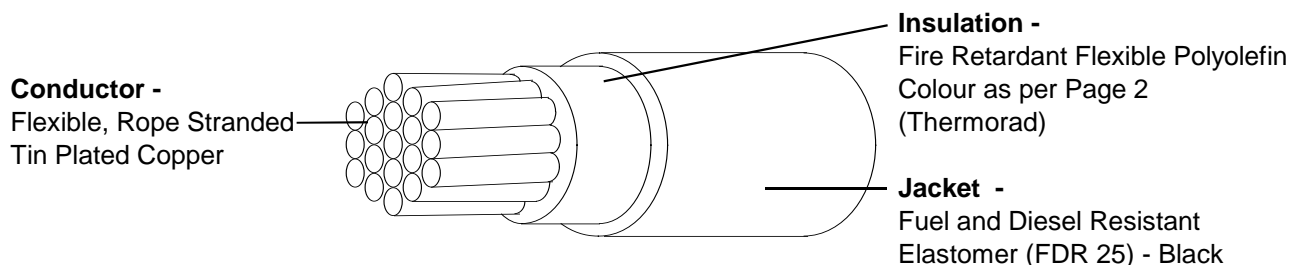


SINGLE CORE INSULATED WIRE, 150°C, 600 VOLT

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



Cable Size (mm ²)/AWG Nom. cross-section Part number see page 2 mm ² AWG	Conductor					Insulation					Jacket			Maximum Weight (kg/km)	
	Number of Strands	Max Strand Dia. (mm)	Diameter (mm)		Maximum Resistance @20°C (Ω/km)	Min Wall (mm)	Diameter (mm)			Min Wall (mm)	Diameter (mm)				
			Min	Max			Lower Spec Limit	Target	Upper Spec Limit		Lower Spec Limit	Target	Upper Spec Limit		
1.5	8 AWG	85	0.16	1.40	1.70	13.7	0.55	2.80	3.00	3.20	0.35	3.80	4.00	4.20	30
2.5		7x20	0.16	2.20	2.60	8.21	0.57	3.70	3.90	4.10	0.37	4.70	5.00	5.30	47
4.0		7x33	0.16	2.60	3.00	5.09	0.62	4.25	4.50	4.75	0.37	5.30	5.60	5.90	69
6.0		7x27	0.21	3.30	3.80	3.39	0.62	4.95	5.20	5.45	0.37	6.00	6.30	6.60	94
10.0		19x35	0.13	3.90	4.40	2.30	0.54	5.35	5.65	5.95	0.43	6.60	6.90	7.20	120
16.0		19x17	0.21	4.30	4.80	1.95	0.63	5.90	6.20	6.50	0.45	7.10	7.50	7.90	147
25.0		19x27	0.21	5.20	5.80	1.24	0.75	7.10	7.40	7.70	0.53	8.40	8.80	9.20	220
35.0		37x21	0.21	6.90	7.70	0.795	0.80	9.00	9.30	9.60	0.53	10.20	10.70	11.20	323
50.0		37x30	0.21	8.10	9.00	0.565	0.82	10.30	10.60	10.90	0.54	11.50	12.10	12.70	444
70.0		37x19	0.31	9.60	10.70	0.393	0.93	12.10	12.45	12.80	0.54	13.30	14.00	14.70	619
95.0	37x27	0.31	11.40	12.60	0.277	1.03	14.20	14.55	14.90	0.62	15.40	16.20	17.00	861	
	37x36	0.31	13.30	14.80	0.210	1.23	16.60	17.00	17.40	0.71	17.90	18.80	19.70	1148	

ADDITIONAL REQUIREMENTS: Spark test on insulation in accordance with BS 5099 at 6 kV.
Spark test on jacket in accordance with BS 5099 at 6 kV.

PERFORMANCE REQUIREMENTS: Shall be tested to the issue in effect of Raychem Test Regime WSD 955
Shall meet the requirements of the issue in effect of VG 95218 Part 24 Specification for Type K cables.

JACKET MARKING The mark shall be:
e.g. Raychem - VG 95218 T024 K### - K1010
Where: "###" = Individual part identifier (see page 2).
e.g. Size 2.5 mm² with black insulation shall be marked:
Raychem - VG 95218 T024 K041 - K1010



Cable Size		INSULATION COLOURS		
(mm ²)	AWG	9 - WHITE	0 - BLACK	6 - BLUE
1.5	8 AWG	VG 95218 T024 K010	VG 95218 T024 K040	VG 95218 T024 K070
2.5		VG 95218 T024 K011	VG 95218 T024 K041	VG 95218 T024 K071
4.0		VG 95218 T024 K001	VG 95218 T024 K031	VG 95218 T024 K061
6.0		VG 95218 T024 K002	VG 95218 T024 K032	VG 95218 T024 K062
		VG 95218 T024 K012	VG 95218 T024 K042	VG 95218 T024 K072
10.0		VG 95218 T024 K003	VG 95218 T024 K033	VG 95218 T024 K063
16.0		VG 95218 T024 K004	VG 95218 T024 K034	VG 95218 T024 K064
25.0		VG 95218 T024 K005	VG 95218 T024 K035	VG 95218 T024 K065
35.0		VG 95218 T024 K006	VG 95218 T024 K036	VG 95218 T024 K066
50.0		VG 95218 T024 K007	VG 95218 T024 K037	VG 95218 T024 K067
70.0		VG 95218 T024 K008	VG 95218 T024 K038	VG 95218 T024 K068
95.0		VG 95218 T024 K009	VG 95218 T024 K039	VG 95218 T024 K069