

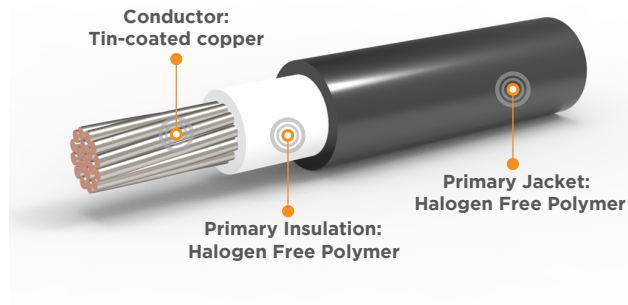
VG 95218 Part 20 Type E

VG 95218 T020 E - Single Core Insulated Wire

- **Construction:** Dual-wall construction
- **Conductor:** Stranded tin-coated copper
- **Insulation:** Halogen Free Polymer (Primary & Primary jacket)
- **Temperature Rating:** -55°C to +105°C
- **Voltage Rating:** 600V AC / 900V DC

Applications

Raychem wire fully approved VG 95218 T020 Type E has a dual-wall insulated construction formulated using Halogen Free polymer blends. Developed to meet the VG specification whilst maintaining desirable features of small size, lightweight, excellent handling, flexibility and fluid resistance properties. Meets toxicity, smoke density, halogen free, corrosivity and flame retardant requirements of the VG specification.



Product Information Table

Part Description	Nominal Cross Sectional Area (mm ²)	Wire Size Code (VG Dash No.)	CONDUCTOR		FINISHED WIRE					
			Stranding No. / Diameter (mm)	Diameter (mm)		Maxi. Resistance @ 20°C (Ohms/km)	Diameter (mm)			Max. Weight (kg/km)
				Min.	Max.		Lower Spec Limit	Target	Upper Spec Limit	
VG95218T020E12*	0.15	12	19/0.10	0.45	0.55	135.00	0.98	1.03	1.08	2.59
VG95218T020E01*	0.25	01	19/0.13	0.55	0.66	84.40	1.09	1.14	1.19	3.59
VG95218T020E02*	0.40	02	19/0.16	0.73	0.84	50.50	1.28	1.33	1.38	5.18
VG95218T020E03*	0.50	03	19/0.18	0.82	0.94	40.10	1.37	1.40	1.45	6.60
VG95218T020E04*	0.60	04	19/0.20	0.95	1.04	31.10	1.47	1.52	1.57	7.40
VG95218T020E05*	0.75	05	19/0.23	1.04	1.20	26.70	1.59	1.60	1.65	8.90
VG95218T020E06*	1.00	06	19/0.25	1.17	1.32	20.00	1.69	1.75	1.80	10.70
VG95218T020E07*	1.20	07	19/0.29	1.32	1.47	15.30	1.88	1.93	1.98	13.60
VG95218T020E08*	1.50	08	37/0.23	1.46	1.68	13.70	2.03	2.08	2.13	16.00
VG95218T020E09*	2.00	09	37/0.25	1.68	1.87	10.50	2.31	2.36	2.41	20.30
VG95218T020E10*	2.50	10	37/0.29	1.85	2.14	8.21	2.50	2.55	2.63	25.70
VG95218T020E11*	3.00	11	37/0.32	2.12	2.29	6.58	2.70	2.78	2.86	31.00

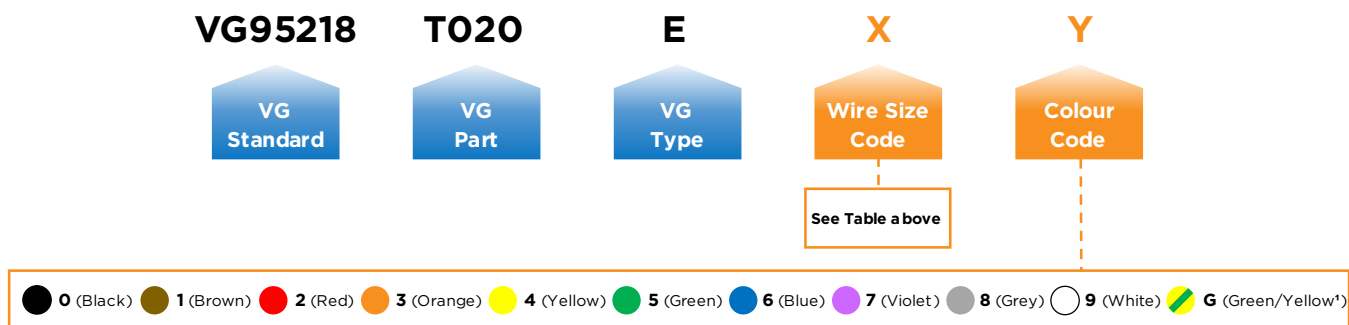
NOTES:

- * VG Part Description to be completed using color code below to determine color of Primary Jacket.
- Jacket marking - Not required as standard, available upon request.
- Values are for guidance only, refer to drawings for maintained product information.

TABLE COLOR KEY:



VG Part Description



¹ Note: Green & Yellow striped wire to have 70% maximum yellow base and 30% minimum green stripe.

Examples:

VG95218T020E029 : 0.40mm² conductor, White jacket,
 VG95218T020E023 : 0.40mm² conductor, Orange jacket

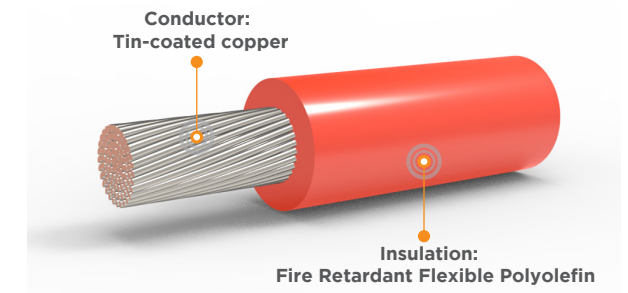
VG 95218 Part 20 Type G

VG 95218 T020 G - Single Core Insulated Wire

- **Construction:** Single wall construction
- **Conductor:** Stranded tin-coated copper
 mm² = IEC 228 Class 6
 AWG = Flexible, rope stranded
- **Insulation:** Fire Retardant Flexible Polyolefin (Thermorad)
- **Temperature Rating:** -40°C to +150°C
- **Voltage Rating:** 600V AC / 900V DC

Applications

Raychem wire fully approved VG 95218 T020 Type G has a single-wall construction. Developed as a general purpose wire which is unaffected by most common chemicals and solvents. Flexible, highly flame retardant and has an overall balance of physical and chemical properties.



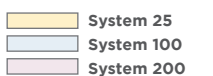
Product Information Table

Part Description	Cable Size (mm ²)/AWG		Wire Size Code (VG Dash No.)	CONDUCTOR				FINISHED WIRE					
	mm ²	AWG		Number of Strands	Max. Strand Diameter (mm)	Diameter (mm)		Max. Resistance @ 20°C (Ohms/km)	Min. Wall (mm)	Diameter (mm)			Max. Weight (kg/km)
						Min.	Max.			Lower Spec Limit	Target	Upper Spec Limit	
VG95218T020G10*	1.5	-	10	85	0.16	1.40	1.70	13.70	0.55	2.80	3.00	3.20	24
VG95218T020G11*	2.5	-	11	7x20	0.16	2.20	2.60	8.21	0.57	3.70	3.90	4.10	36
VG95218T020G01*	4.0	-	01	7x33	0.16	2.60	3.00	5.09	0.62	4.25	4.50	4.75	58
VG95218T020G02*	6.0	-	02	7x27	0.21	3.30	3.80	3.39	0.62	4.95	5.20	5.45	77
VG95218T020G12*	-	8	12	19x35	0.13	3.90	4.40	2.30	0.54	5.35	5.65	5.95	100
VG95218T020G03*	10	-	03	19x17	0.21	4.30	4.80	1.95	0.63	5.90	6.20	6.50	122
VG95218T020G04*	16	-	04	19x27	0.21	5.20	5.80	1.24	0.75	7.10	7.40	7.70	187
VG95218T020G05*	25	-	05	37x21	0.21	6.90	7.70	0.795	0.80	9.00	9.30	9.60	275
VG95218T020G06*	35	-	06	37x30	0.21	8.10	9.00	0.565	0.82	10.30	10.60	10.90	389
VG95218T020G07*	50	-	07	37x19	0.31	9.60	10.70	0.393	0.93	12.10	12.45	12.80	542
VG95218T020G08*	70	-	08	37x27	0.31	11.40	12.60	0.277	1.03	14.20	14.55	14.90	780
VG95218T020G09*	95	-	09	37x36	0.31	13.30	14.80	0.210	1.23	16.60	17.00	17.40	1020
VG95218T020G14*	120	-	14	37x46	0.31	15.00	17.50	0.165	1.40	18.70	19.40	20.20	1420

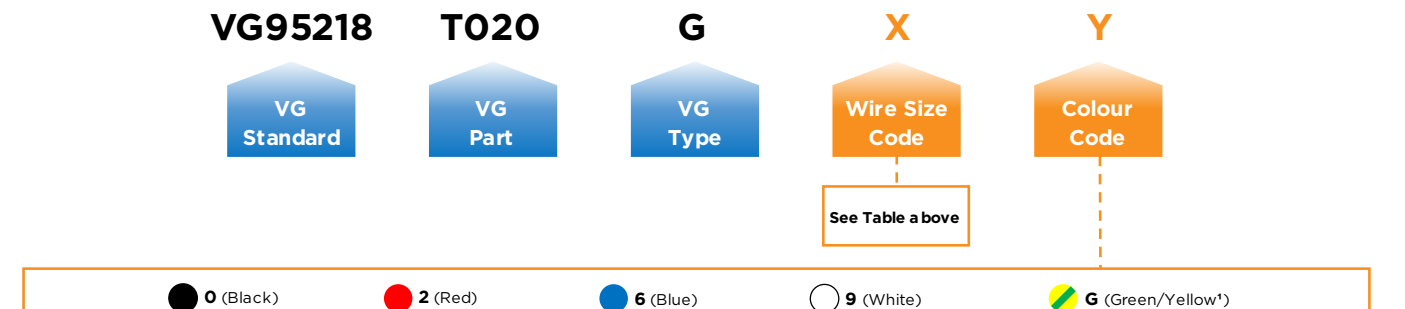
NOTES:

- * VG Part Description to be completed using color code below to determine color of Insulation.
- Insulation marking - The mark shall be: **Raychem - VG95218T020G### - K1010** where: "###" = Wire Size Code + Color Code
 e.g: Size 2.5mm² with black insulation shall be marked: **Raychem - VG95218T020G110 - K1010**
- Values are for guidance only, refer to drawings for maintained product information.

TABLE COLOR KEY:



VG Part Description



¹ Note: Green & Yellow striped wire to have 70% maximum yellow base and 30% minimum green stripe.

Examples:

VG95218T020G119 : 2.5mm² conductor, White jacket,
 VG95218T020G116 : 2.5mm² conductor, Blue jacket