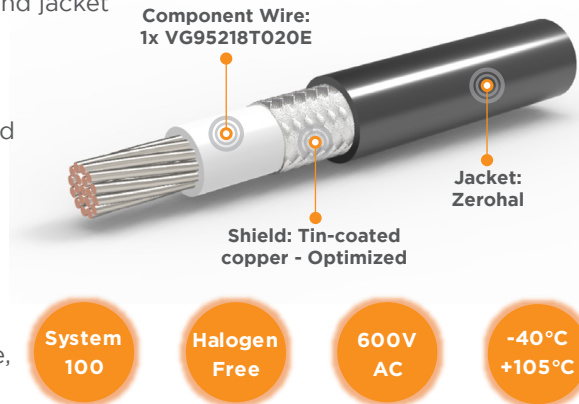


VG 95218 Part 22 Type D

VG 95218 T022 D – Single Core Insulated Wire, Shielded & Jacketed Cable

- **Construction:** Single insulated core (Dual wall) with overall shield and jacket
- **Conductor:** Stranded tin-coated copper
- **Insulation:** Halogen Free Polymer (Primary & Primary jacket)
- **Shield Material/Type:** Tin-coated copper / Optimized Woven Shield
- **Overall Jacket:** Zerohal jacketing material
- **Temperature Rating:** -40°C to +105°C
- **Voltage Rating:** 600V AC / 900V DC



System 100 Halogen Free 600V AC -40°C +105°C

Applications

Raychem cable fully approved VG 95218 T022 Type D is a single core, shielded and jacketed cable containing one VG95218T020E single wire element. VG 95218 T020 Type E wire 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. The woven outer shield is optimized to achieve screening efficiency against sensitive lines or high EMI. The Zerohal outer jacket offers increased mechanical and environmental protection properties whilst meeting toxicity, smoke density, halogen free, corrosivity and flame retardant requirements of the VG specification.

Product Information Table

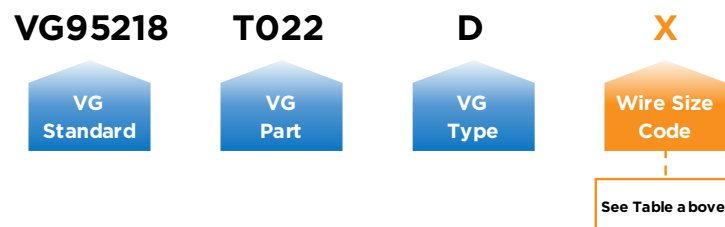
Part Description	Nominal Conductor Cross Section (mm ²)	Wire Size Code (VG Dash No.)	Component Wire Description	Max. Resistance @ 20°C (Ohms/km)	Shield Size (mm)	FINISHED CABLE					Max. Weight (kg/km)
						Jacket Thickness (mm)		Diameter (mm)			
						Min.	Nom.	Lower Spec Limit	Target	Upper Spec Limit	
VG95218T022D012	0.15	012	VG95218T020E129	134.00	0.10	0.15	0.28	1.92	2.03	2.14	8.79
VG95218T022D001	0.25	001	VG95218 T020E019	84.40	0.10	0.15	0.28	2.03	2.14	2.25	10.30
VG95218T022D002	0.40	002	VG95218T020E029	50.50	0.10	0.15	0.28	2.23	2.33	2.45	12.80
VG95218T022D003	0.50	003	VG95218T020E039	40.10	0.10	0.15	0.28	2.30	2.40	2.54	14.60
VG95218T022D004	0.60	004	VG95218T020E049	31.10	0.10	0.15	0.28	2.39	2.52	2.65	16.00
VG95218T022D005	0.75	005	VG95218T020E059	26.70	0.10	0.15	0.28	2.52	2.60	2.78	17.90
VG95218T022D006	1.00	006	VG95218T020E069	20.00	0.10	0.15	0.28	2.62	2.75	2.88	20.20
VG95218T022D007	1.20	007	VG95218T020E079	15.30	0.10	0.15	0.28	2.78	2.93	3.08	23.90
VG95218T022D008	1.50	008	VG95218T020E089	13.70	0.13	0.15	0.28	3.05	3.20	3.37	29.30
VG95218T022D009	2.00	009	VG95218T020E099	10.50	0.13	0.15	0.28	3.31	3.48	3.65	34.90
VG95218T022D010	2.50	010	VG95218T020E109	8.21	0.13	0.15	0.28	3.48	3.67	3.86	41.30
VG95218T022D011	3.00	011	VG95218T020E119	6.58	0.13	0.15	0.28	3.71	3.90	4.09	47.90

- NOTES:**
- VG descriptions in table are only available in white insulation & black jacket.
 - Component for the above cables shall be as listed under "Component Wire Description" column. e.g. Component for VG95218T022D012 shall be VG95218T020E129.

TABLE COLOR KEY:

- System 25
- System 100
- System 200

VG Part Description

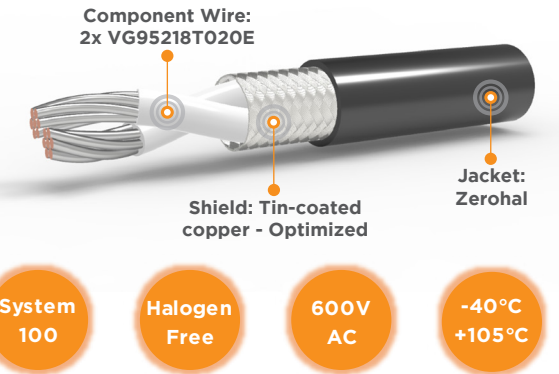


Examples:
 VG95218T022D012 : 1 x 0.15mm² conductor, White component & Black Jacket
 VG95218T022D011 : 1 x 3.00mm² conductor, White component & Black Jacket

VG 95218 Part 23 Type C

VG 95218 T023 C – Multi Core Insulated Wire, Twisted Pair, Shielded & Jacketed Cable

- **Construction:** 2 x VG95218T020E single elements, twisted with overall shield and jacket
- **Conductor:** Stranded tin-coated copper
- **Insulation:** Halogen Free Polymer (Primary & Primary jacket)
- **Shield Material/Type:** Tin-coated copper / Optimized Woven Shield
- **Overall Jacket:** Zerohal jacketing material
- **Temperature Rating:** -40°C to +105°C
- **Voltage Rating:** 600V AC / 900V DC



System 100 Halogen Free 600V AC -40°C +105°C

Applications

Raychem cable fully approved VG 95218 T023 Type C is a twisted pair, shielded and jacketed cable containing two VG95218T020E single wire elements. VG 95218 T020 Type E wire 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. The woven outer shield is optimized to achieve screening efficiency against sensitive lines or high EMI. The Zerohal outer jacket offers increased mechanical and environmental protection properties whilst meeting toxicity, smoke density, halogen free, corrosivity and flame retardant requirements of the VG specification.

Product Information Table

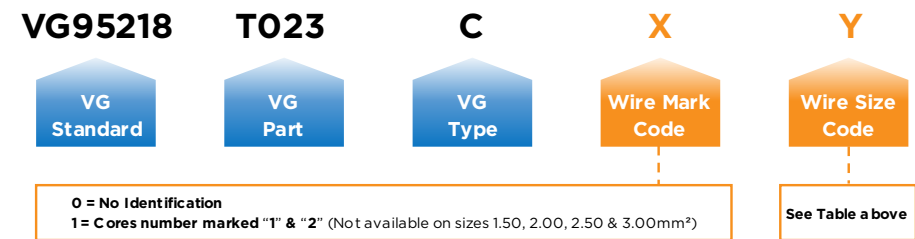
Part Description (Non-marked Components)	Part Description (Marked Components)	Nominal Conductor Cross Section (mm ²)	Wire Size Code (VG Dash No.)	Component Wire Description	Max. Resistance @ 20°C (Ohms/km)	Shield Size (mm)	FINISHED CABLE					
							Jacket Thickness (mm)		Diameter (mm)			Max. Weight (kg/km)
							Min.	Nom.	Min.	Nom.	Max.	
VG95218T023C034	VG95218T023C134	0.15	34	VG95218T020E129	135.00	0.10	0.15	0.28	2.92	3.06	3.22	15.90
VG95218T023C001	VG95218T023C101	0.25	01	VG95218T020E019	85.60	0.10	0.15	0.28	3.13	3.29	3.45	18.90
VG95218T023C002	VG95218T023C102	0.40	02	VG95218T020E029	51.50	0.13	0.15	0.28	3.60	3.78	3.98	26.50
VG95218T023C003	VG95218T023C103	0.50	03	VG95218T020E039	40.90	0.13	0.15	0.28	3.76	3.92	4.16	30.40
VG95218T023C004	VG95218T023C104	0.60	04	VG95218T020E049	31.70	0.13	0.15	0.28	3.95	4.16	4.37	33.30
VG95218T023C005	VG95218T023C105	0.75	05	VG95218T020E059	27.20	0.13	0.15	0.28	4.19	4.32	4.63	37.40
VG95218T023C006	VG95218T023C106	1.00	06	VG95218T020E069	20.40	0.13	0.15	0.28	4.38	4.61	4.84	42.30
VG95218T023C007	VG95218T023C107	1.20	07	VG95218T020E079	15.60	0.13	0.15	0.28	4.73	4.98	5.23	50.20
VG95218T023C008	n/a	1.50	08	VG95218T020E089	14.00	0.13	0.15	0.28	5.02	5.28	5.54	56.70
VG95218T023C009	n/a	2.00	09	VG95218T020E099	10.70	0.13	0.15	0.28	5.55	5.84	6.13	68.70
VG95218T023C010	n/a	2.50	10	VG95218T020E109	8.37	0.13	0.15	0.28	5.92	6.22	6.54	81.50
VG95218T023C011	n/a	3.00	11	VG95218T020E119	6.71	0.13	0.15	0.28	6.35	6.68	7.01	95.00

- NOTES:**
- VG descriptions in table are only available in white insulation & black jacket.
 - * Core number marking is available on sizes 0.15mm² to 1.20mm². Cores shall be marked "1" & "2" as per VG 95218-2 Clause 5.1.2.2.
 - * Components for the above cables shall be as listed under "Component Wire Description" column. e.g. Components for VG95218T023C034/134 shall be VG95218T020E129.
 - * Values are for guidance only, refer to drawings for maintained product information.

TABLE COLOR KEY:

- System 25
- System 100
- System 200

VG Part Description



Examples:
 VG95218T023C034 : 2 x 0.15mm² conductors, White components & Black Jacket
 VG95218T023C134 : 2 x 0.15mm² conductors, White, number marked components & Black Jacket