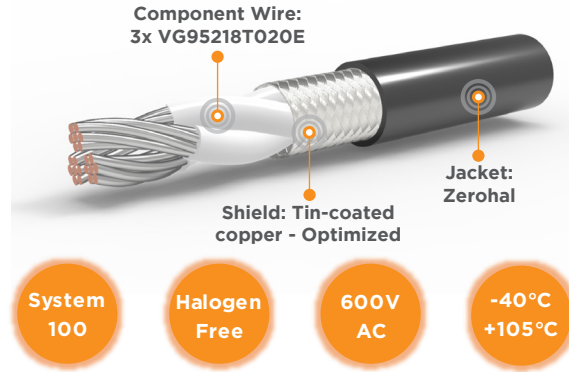


VG 95218 Part 23 Type C

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

- **Construction:** 3 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



Applications

Raychem cable fully approved VG 95218 T023 Type C is a twisted triple, shielded and jacketed cable containing three 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 (mm²)	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.	Min.	Nom.	Max.	
VG95218T023C035	VG95218T023C135	0.15	35	VG95218T020E129	135.00	0.10	0.15	0.28	3.07	3.22	3.39	20.10
VG95218T023C012	VG95218T023C112	0.25	12	VG95218T020E019	85.60	0.13	0.15	0.28	3.41	3.58	3.77	26.90
VG95218T023C013	VG95218T023C113	0.40	13	VG95218T020E029	51.50	0.13	0.15	0.28	3.80	4.00	4.20	34.10
VG95218T023C014	VG95218T023C114	0.50	14	VG95218T020E039	40.90	0.13	0.15	0.28	3.98	4.19	4.40	39.50
VG95218T023C015	VG95218T023C115	0.60	15	VG95218T020E049	31.70	0.13	0.15	0.28	4.18	4.40	4.62	43.60
VG95218T023C016	VG95218T023C116	0.75	16	VG95218T020E059	27.20	0.13	0.15	0.28	4.43	4.67	4.91	49.40
VG95218T023C017	VG95218T023C117	1.00	17	VG95218T020E069	20.40	0.13	0.15	0.28	4.65	4.89	5.13	56.20
VG95218T023C018	VG95218T023C118	1.20	18	VG95218T020E079	15.60	0.13	0.15	0.28	5.03	5.29	5.55	67.40
VG95218T023C019	n/a	1.50	19	VG95218T020E089	14.00	0.13	0.15	0.28	5.33	5.61	5.89	76.60
VG95218T023C020	n/a	2.00	20	VG95218T020E099	10.70	0.13	0.15	0.28	5.91	6.22	6.53	92.80
VG95218T023C021	n/a	2.50	21	VG95218T020E109	8.37	0.13	0.15	0.28	6.31	6.64	6.97	112.00
VG95218T023C022	n/a	3.00	22	VG95218T020E119	6.71	0.13	0.15	0.28	6.76	7.12	7.48	131.00

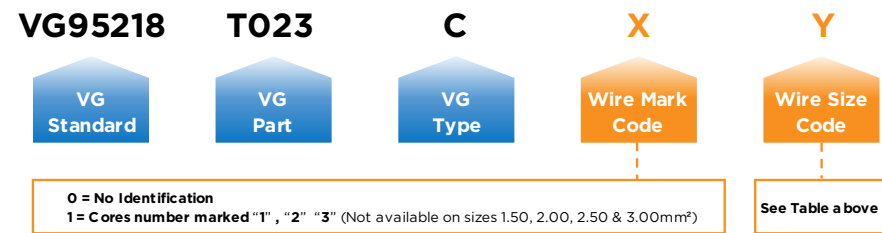
NOTES:

- 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" & "3" 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 VG95218T023C035/135 shall be VG95218T020E129.

TABLE COLOR KEY:

- System 25
- System 100
- System 200

VG Part Description



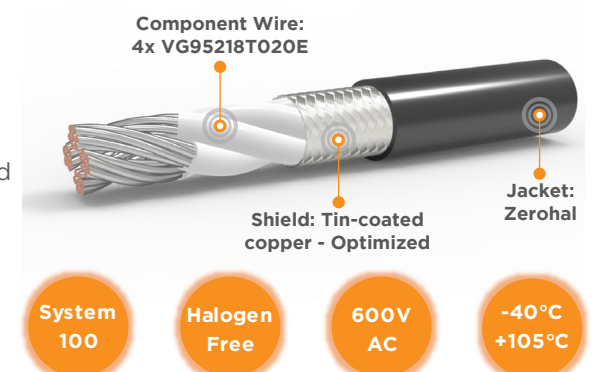
Examples:

VG95218T023C035 : 3 x 0.15mm² conductors, White components & Black Jacket
 VG95218T023C135 : 3 x 0.15mm² conductors, White, number marked components & Black Jacket

VG 95218 Part 23 Type C

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

- **Construction:** 4 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



Applications

Raychem cable fully approved VG 95218 T023 Type C is a twisted quad, shielded and jacketed cable containing four 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 (mm²)	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.	Min.	Nom.	Max.	
VG95218T023C036	VG95218T023C136	0.15	36	VG95218T020E129	135.00	0.13	0.15	0.28	3.43	3.60	3.79	27.00
VG95218T023C023	VG95218T023C123	0.25	23	VG95218T020E019	85.60	0.13	0.15	0.28	3.69	3.88	4.07	32.60
VG95218T023C024	VG95218T023C124	0.40	24	VG95218T020E029	51.50	0.13	0.15	0.28	4.13	4.33	4.55	41.70
VG95218T023C025	VG95218T023C125	0.50	25	VG95218T020E039	40.90	0.13	0.15	0.28	4.31	4.49	4.77	48.70
VG95218T023C026	VG95218T023C126	0.60	26	VG95218T020E049	31.70	0.13	0.15	0.28	4.54	4.78	5.02	54.00
VG95218T023C027	VG95218T023C127	0.75	27	VG95218T020E059	27.20	0.13	0.15	0.28	4.82	4.97	5.34	61.30
VG95218T023C028	VG95218T023C128	1.00	28	VG95218T020E069	20.40	0.13	0.15	0.28	5.05	5.32	5.59	70.30
VG95218T023C029	VG95218T023C129	1.20	29	VG95218T020E079	15.60	0.13	0.15	0.28	5.48	5.77	6.06	84.80
VG95218T023C030	n/a	1.50	30	VG95218T020E089	14.00	0.13	0.15	0.28	5.82	6.13	6.44	96.70
VG95218T023C031	n/a	2.00	31	VG95218T020E099	10.70	0.13	0.35	0.48	6.86	7.21	7.57	127.00
VG95218T023C032	n/a	2.50	32	VG95218T020E109	8.37	0.13	0.35	0.48	7.31	7.66	8.06	152.00
VG95218T023C033	n/a	3.00	33	VG95218T020E119	6.71	0.13	0.35	0.48	7.83	8.22	8.63	178.00

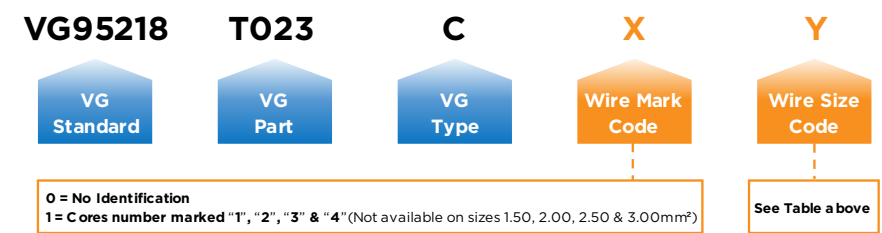
NOTES:

- 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", "3" & "4" 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 VG95218T023C036/136 shall be VG95218T020E129.

TABLE COLOR KEY:

- System 25
- System 100
- System 200

VG Part Description



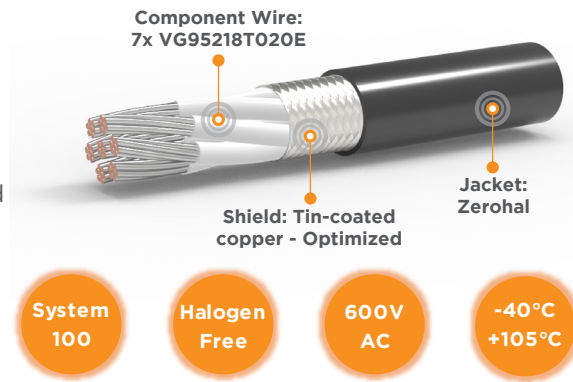
Examples:

VG95218T023C036 : 4 x 0.15mm² conductors, White components & Black Jacket
 VG95218T023C136 : 4 x 0.15mm² conductors, White, number marked components & Black Jacket

VG 95218 Part 23 Type C

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

- **Construction:** 7 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



Applications

Raychem cable fully approved VG 95218 T023 Type C is a twisted heptad, shielded and jacketed cable containing seven 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	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.	Min.	Nom.	Max.	
VG95218T023C037	1.20	037	VG95218T020E079	15.80	0.13	0.20	0.60	7.26	7.55	7.93	150.00

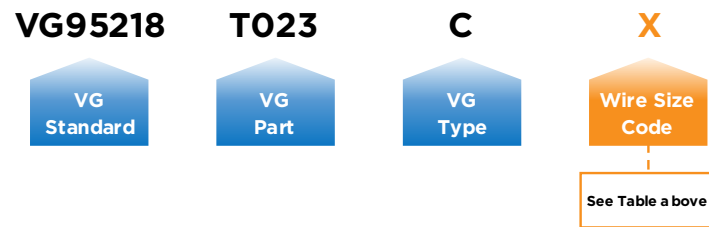
NOTES:

- VG descriptions in table are only available in white insulation & black jacket.
- Components for the above cables shall be as listed under "Component Wire Description" column. e.g. Components for VG95218T023C037 shall be VG95218T020E079.
- Values are for guidance only, refer to drawings for maintained product information.

TABLE COLOR KEY:

- System 25
- System 100
- System 200

VG Part Description



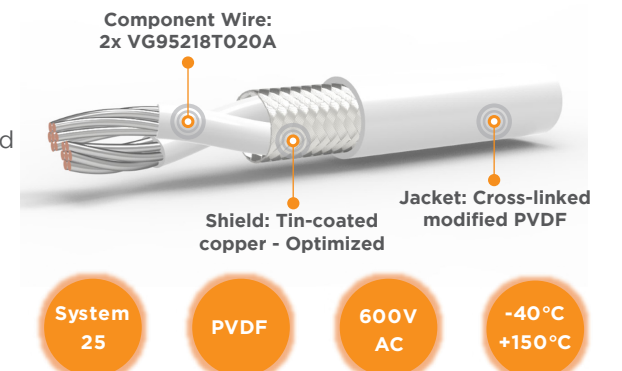
Examples:

VG95218T023C037 : 7 x 1.20mm² conductor, White component & Black Jacket

VG 95218 Part 23 Type F

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

- **Construction:** 2 x VG95218T020A single elements, twisted with overall shield and jacket
- **Conductor:** Stranded tin-coated copper
- **Insulation:** Polyalkene (Primary), PVDF (Primary jacket)
- **Shield Material/Type:** Tin-coated copper / Optimized Woven Shield
- **Overall Jacket:** PVDF
- **Temperature Rating:** -40°C to +150°C
- **Voltage Rating:** 600V AC / 900V DC



Applications

Raychem cable fully approved VG 95218 T023 Type F is a twisted pair, shielded and jacketed cable containing two VG95218T020A single wire elements. VG 95218 T020 Type A wire has a dual-wall construction which combines the outstanding physical and electrical characteristics of radiation crosslinked Polyalkene, with the excellent mechanical and chemical properties of radiation cross-linked polyvinylidene fluoride (PVDF). The woven outer shield is optimized to achieve screening efficiency against sensitive lines or high EMI. The PVDF outer jacket offers increased mechanical and environmental protection properties.

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)	MTV Part Number 6145-005-
						Jacket Thickness (mm)		Diameter (mm)					
						Min.	Nom.	Lower Spec Limit	Target	Upper Spec Limit			
VG95218T023F010	0.25	010	VG95218T020A016	87.70	0.13	0.15	0.20	2.87	3.00	3.12	16.90	F010	
VG95218T023F001	0.40	001	VG95218T020A001	54.20	0.13	0.15	0.20	3.25	3.35	3.48	21.60	F001	
VG95218T023F002	0.60	002	VG95218T020A003	34.20	0.13	0.15	0.20	3.66	3.75	3.89	28.00	F002	
VG95218T023F011	1.00	011	VG95218T020A005	21.40	0.13	0.18	0.23	4.17	4.37	4.42	38.30	F011	
VG95218T023F013	1.20	013	VG95218T020A006	16.70	0.13	0.18	0.23	4.52	4.72	4.78	45.00	F013	
VG95218T023F003	2.50	003	VG95218T020A008	8.37	0.13	0.20	0.25	6.00	6.14	6.45	78.60	F003	
VG95218T023F018	3.00	018	VG95218T020A017	6.96	0.13	0.20	0.25	6.52	6.68	6.84	91.50	N/A	

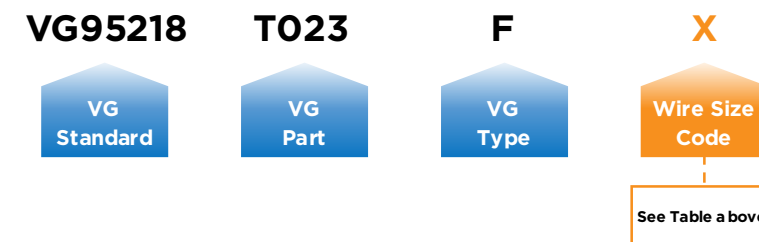
NOTES:

- VG descriptions in table are only available in white color (Insulation & Jacket).
- Component for the above cables shall be as listed under "Component Wire Description" column. e.g. Component for VG95218T023F010 shall be VG95218T020A016.
- 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:

VG95218T023F010 : 2 x 0.25mm² conductor, White component & White Jacket

VG95218T023F018 : 2 x 3.00mm² conductor, White component & White Jacket