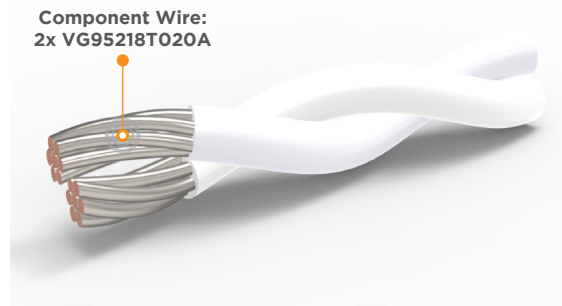


VG 95218 Part 21 Type E



VG 95218 T021 E - Multi Core Insulated Wire (Twisted Pair Cable)

- **Construction:** 2 x VG95218T020A single elements, twisted
- **Conductor:** Stranded tin-coated copper
- **Insulation:** Polyalkene (Primary), PVDF (Primary jacket)
- **Temperature Rating:** -55°C to +150°C
- **Voltage Rating:** 600V AC / 900V DC



System 25, PVDF, 600V AC, -55°C to +150°C

Applications

Raychem cable fully approved VG 95218 T021 Type E is a two core multi core cable containing two twisted VG95218T020A single wire elements. VG95218T020A 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).

Product Information Table

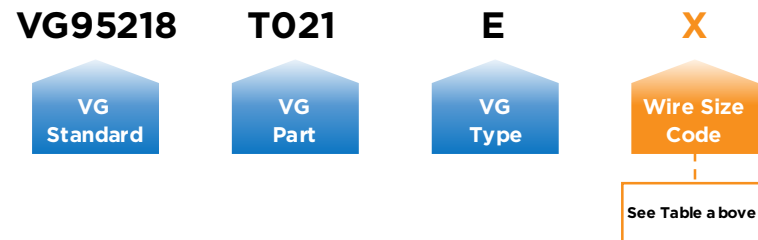
Part Description	Nominal Conductor Cross Section (mm ²)	Wire Size Code (VG Dash No.)	Component Wire Description	Max. Resistance @ 20°C (Ohms/km)	FINISHED CABLE				
					Diameter (mm)		Max. Weight (kg/km)	Nato Stock Number 6145-12-	MTV Part Number 6145-005-
					Nom.	Max.			
VG95218T021E010	0.25	010	VG95218T020A016	87.70	2.03	2.13	6.80	311-5879	E010
VG95218T021E001	0.40	001	VG95218T020A001	54.20	2.39	2.48	9.60	188-8970	E001
VG95218T021E002	0.60	002	VG95218T020A003	34.20	2.79	2.90	14.10	188-8967	E002
VG95218T021E003	1.20	003	VG95218T020A006	16.70	3.71	3.80	27.20	188-8732	E003

- NOTES:**
- VG descriptions in table are only available in white color.
 - Components for the above cables shall be as listed under "Component Wire Description" column. e.g. Components for VG95218T021E010 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:
- VG95218T021E010 : 2 x 0.25mm² conductors, White components
 - VG95218T021E003 : 2 x 1.20mm² conductors, White components

VG 95218 Part 21 Type E



VG 95218 T021 E - Multi Core Insulated Wire (Twisted Triple Cable)

- **Construction:** 3 x VG95218T020A single elements, twisted
- **Conductor:** Stranded tin-coated copper
- **Insulation:** Polyalkene (Primary), PVDF (Primary jacket)
- **Temperature Rating:** -55°C to +150°C
- **Voltage Rating:** 600V AC / 900V DC



System 25, PVDF, 600V AC, -55°C to +150°C

Applications

Raychem cable fully approved VG 95218 T021 Type E is a three core multi core cable containing three twisted VG95218T020A single wire elements. VG95218T020A 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).

Product Information Table

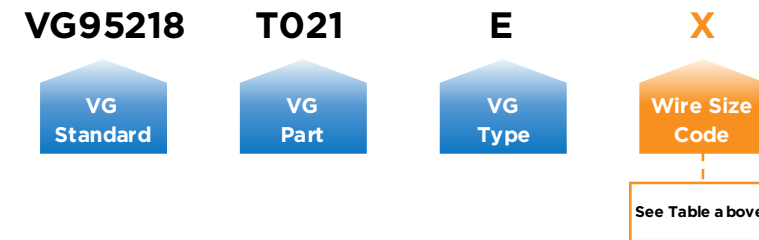
Part Description	Nominal Conductor Cross Section (mm ²)	Wire Size Code (VG Dash No.)	Component Wire Description	Max. Resistance @ 20°C (Ohms/km)	FINISHED CABLE				
					Diameter (mm)		Max. Weight (kg/km)	Nato Stock Number 6145-12-	MTV Part Number 6145-005-
					Nom.	Max.			
VG95218T021E006	0.25	006	VG95218T020A016	87.70	2.19	2.30	9.70	322-4437	E006
VG95218T021E004	0.40	004	VG95218T020A001	54.20	2.58	2.68	14.40	188-8971	E004
VG95218T021E005	0.60	005	VG95218T020A003	34.20	3.02	3.13	21.20	189-0588	E005
VG95218T021E011	1.20	011	VG95218T020A006	16.70	4.00	4.20	40.70	N/A	N/A

- NOTES:**
- VG descriptions in table are only available in white color.
 - Components for the above cables shall be as listed under "Component Wire Description" column. e.g. Components for VG95218T021E006 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



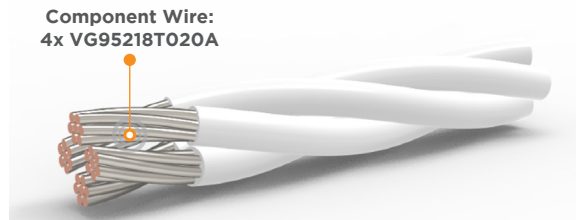
- Examples:
- VG95218T021E006 : 3 x 0.25mm² conductors, White components
 - VG95218T021E011 : 3 x 1.20mm² conductors, White components

VG 95218 Part 21 Type E



VG 95218 T021 E - Multi Core Insulated Wire (Twisted Quad Cable)

- **Construction:** 4 x VG95218T020A single elements, twisted.
- **Conductor:** Stranded tin-coated copper
- **Insulation:** Polyalkene (Primary), PVDF (Primary jacket)
- **Temperature Rating:** -55°C to +150°C
- **Voltage Rating:** 600V AC / 900V DC



System 25 PVDF 600V AC -55°C +150°C

Applications

Raychem cable fully approved VG 95218 T021 Type E is a four core multi core cable containing four twisted VG95218T020A single wire elements. VG95218T020A 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).

Product Information Table

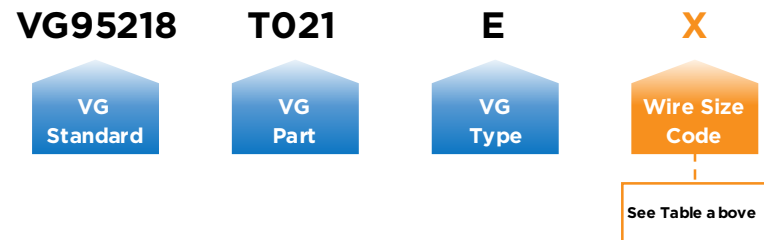
Part Description	Nominal Conductor Cross Section (mm ²)	Wire Size Code (VG Dash No.)	Component Wire Description	Max. Resistance @ 20°C (Ohms/km)	FINISHED CABLE				
					Diameter (mm)		Max. Weight (kg/km)	Nato Stock Number 6145-12-	MTV Part Number 6145-005-
					Nom.	Max.			
VG95218T021E009	0.25	009	VG95218T020A016	87.70	2.45	2.57	13.00	N/A	E009
VG95218T021E007	0.40	007	VG95218T020A001	54.20	2.88	2.99	19.20	300-2086	E007
VG95218T021E008	0.60	008	VG95218T020A003	34.20	3.37	3.49	28.20	319-2109	E008

- NOTES:**
- VG descriptions in table are only available in white color.
 - Components for the above cables shall be as listed under "Component Wire Description" column. e.g. Components for VG95218T021E009 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



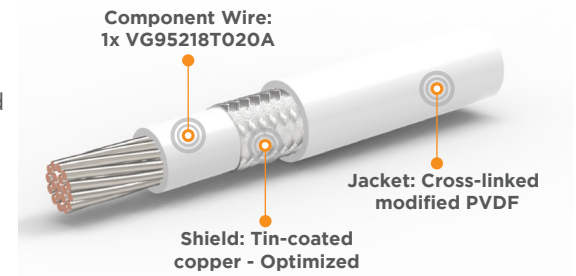
Examples:
 VG95218T021E009 : 4 x 0.25mm² conductors, White components
 VG95218T021E008 : 4 x 0.60mm² conductors, White components

VG 95218 Part 22 Type C



VG 95218 T022 C - Single Core Insulated Wire, Shielded & Jacketed

- **Construction:** Single insulated core (Dual wall) 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



System 25 PVDF 600V AC -40°C +150°C

Applications

Raychem cable fully approved VG 95218 T022 Type C is a single core, shielded and jacketed cable containing one VG95218T020A single wire element. 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

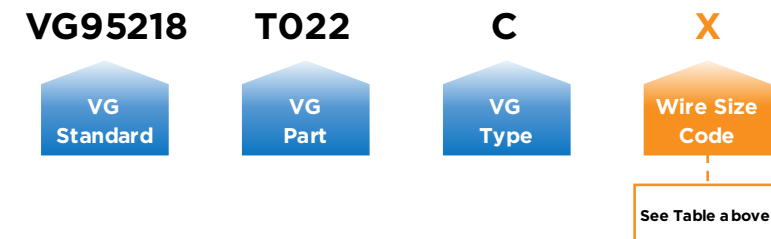
Part Description	Nominal Conductor Cross Section (mm ²)	Wire Size Code (VG Dash No.)	Component Wire Description	Max. Resistance @ 20°C (Ohms/km)	Shield Size (mm)	FINISHED CABLE						
						Jacket Thickness (mm)		Diameter (mm)			Max. Weight (kg/km)	MTV Part Number 6145-005-
						Min.	Nom.	Lower Spec Limit	Target	Upper Spec Limit		
VG95218T022C016	0.25	016	VG95218T020A016	86.00	0.10	0.13	0.18	1.73	1.83	1.92	8.60	C016
VG95218T022C001	0.40	001	VG95218T020A001	53.10	0.10	0.13	0.18	1.91	2.00	2.10	10.80	C001
VG95218T022C002	0.50	002	VG95218T020A002	42.30	0.10	0.15	0.20	2.04	2.14	2.24	14.10	C002
VG95218T022C003	0.60	003	VG95218T020A003	33.50	0.10	0.15	0.20	2.16	2.25	2.36	14.70	C003
VG95218T022C004	0.75	004	VG95218T020A004	26.60	0.10	0.15	0.20	2.32	2.42	2.52	18.30	C004
VG95218T022C005	1.00	005	VG95218T020A005	21.00	0.13	0.15	0.20	2.54	2.64	2.74	20.70	C005
VG95218T022C006	1.20	006	VG95218T020A006	16.40	0.13	0.15	0.20	2.72	2.81	2.92	24.60	C006
VG95218T022C007	1.50	007	VG95218T020A007	13.50	0.13	0.15	0.20	2.82	3.02	3.15	31.60	C007
VG95218T022C008	2.50	008	VG95218T020A008	8.20	0.13	0.15	0.20	3.31	3.50	3.66	44.50	C008

- 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 VG95218T022C016 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:
 VG95218T022C016 : 1 x 0.25mm² conductor, White component & White Jacket
 VG95218T022C008 : 1 x 2.50mm² conductor, White component & White Jacket