

3M Electrical Markets Division  
3M™ Cold Shrink QT-III Indoor and Outdoor Terminations



# Simpler Installation and Higher Reliability



# 3M™ Cold Shrink QT-III Indoor and Outdoor Terminations

## Faster, Simpler Installation

Cold shrink technology has been used by the electric power industry since 3M introduced it over 45 years ago. It has provided dependable, time-saving solutions for low-to medium voltage installation for years.

3M™ Cold Shrink QT-III Terminations offer reliable performance when terminating indoor and outdoor medium voltage cables. The QT-III termination features factory-installed stress control and sealing compound for a simpler installation that can help reduce installation mistakes. The QT-III's unique stress control design lowers surface stress, resulting in a more compact termination compared to terminations using geometric stress control, with excellent BIL performance. The benefits of our track resistant silicone, aligned with a simpler installation can save you money and improve your system reliability.

## On-time, On-budget

3M also offers the flexibility to include specific hardware, such as lugs, mounting brackets, grounding tails, instruction sheets and more. 3M's Construction Services goes even further to simplify your project needs. We take your documentation and cable schedules to create application take-offs. From these take-offs, we provide terminating solutions matched to the application and jobsite location.

You can feel confident that you will have the right product at the right place at the right time to keep you project on time or budget.

3M pioneered  
Cold Shrink  
Technology



3M™ Cold Shrink QT-III Indoor Termination



3M™ Cold Shrink QT-III Outdoor Termination

QT-III Termination Features	What this Means for You	
<b>Hydrophobic, track and erosion resistant silicone</b>	Long term performance	High reliability Suitable for contaminated areas Reduced rework costs
<b>Built-in stress and sealing compounds</b>	Reduced chance for errors Simpler Installation Lower surface stress	High reliability Lower installed costs Shorter installed length
<b>Meets global industry standards: IEEE 48, Cenelec O278, IEC 502 and GB</b>	Tested design	High reliability
<b>Cold Shrink delivery Step core design</b>	Constant radial pressure Lower installed costs	High reliability

3M will custom kit to your application and needs!  
Ask your 3M sales representative for more information.

# Table of Contents

<b>Single Core Termination Kits</b> .....	<b>4-6</b>
<b>Single Core Indoor Kits</b>	
3M™ Cold Shrink QT-III Silicone Rubber Indoor Terminations .....	4
3M™ Cold Shrink QT-III Silicone Rubber Indoor Terminations .....	5
<b>Single Core Outdoor Kits</b>	
3M™ Cold Shrink QT-III Silicone Rubber Inverted Outdoor Terminations .....	6
3M™ Cold Shrink QT-III Silicone Rubber Termination with Top Insulator for CN and JCN .....	6
<b>Three Core Terminations Kits</b> .....	<b>7</b>
<b>Three Core Indoor Kits</b>	
<b>Indoor Cabinet Mount Applications</b>	
3M™ Cold Shrink QT-III Indoor Termination Kit 7600-T-3-RJS Series .....	8
3M™ Cold Shrink QT-III Indoor Termination Kit 7600-S-3-RJS .....	10
3M™ Cold Shrink QT-III Indoor Termination Kit 7600-T-3G Series .....	12
3M™ Cold Shrink QT-III Indoor Termination Kit 7600-T-3W Series .....	14
<b>Three Core Outdoor Kits</b>	
3M™ Cold Shrink QT-III Outdoor Termination Kit 7600-S-3G .....	16
3M™ Cold Shrink QT-III Outdoor Termination Kit 7600-S-3W Series .....	18
3M™ Cold Shrink QT-III Inverted Outdoor Termination Kit 7600-S-4-INV-3G .....	18
3M™ Cold Shrink QT-III Inverted Outdoor Termination Kit 7600-S-INV-3-RJS .....	18
3M™ Cold Shrink QT-III Inverted Outdoor Termination Kit 7600-S-INV-3W .....	18



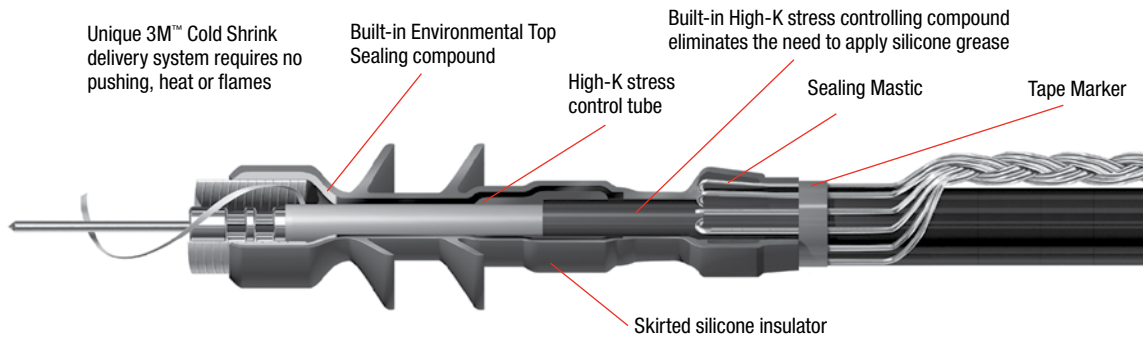
## Single Core Termination Kits

### 3M™ Cold Shrink QT-III Silicone Rubber Indoor Terminations



Kit Number	Cable Insulation		Conductor Size Range AWG and kcmil (mm <sup>2</sup> )				
	BIL	O.D. Range	5 kV	8 kV	15 kV	25/28 kV	35 kV*
<b>Shielded Cable Kits (Each kit makes three terminations.)</b>							
7620-T-95	95 kV	0.32"-0.59" (8,1-15,0 mm)	8-4	8-6	—	—	—
7621-T-95	95 kV	0.44"-0.89" (11,2-22,6 mm)	2-3/0	4-2/0	—	—	—
7622-T-95	95 kV	0.64"-1.08" (16,3-27,4 mm)	4/0-400	3/0-300	—	—	—
7624-T-95	95 kV	0.83"-1.53" (21,1-38,9 mm)	500-750	350-700	—	—	—
7625-T-95	95 kV	1.05"-1.80" (26,7-45,7 mm)	700-1500	600-1250	—	—	—
7622-T-110	110 kV	0.64"-1.08" (16,3-27,4 mm)	4/0-400	3/0-300	2-4/0 (35-120)	—	—
7624-T-110	110 kV	0.83"-1.53" (21,1-38,9 mm)	500-750	350-700	4/0-500 (120-240)	—	—
7625-T-110	110 kV	1.05"-1.80" (26,7-45,7 mm)	700-1500	600-1250	500-1000 (240-500)	—	—
7626-T-110	110 kV	1.53"-2.32" (38,9-58,9 mm)	1750-2000	1500-2000	1250-2000 (500-1000)	—	—
7693-T-150	150 kV	0.72"-1.29" (18,3-32,8 mm)	300-500	250-500	2/0-300 (70-150)	2-4/0 (35-120)	2-2/0 (35-70)
7695-T-150	150 kV	1.05"-1.80" (26,7-45,7 mm)	700-1500	600-1250	500-1000 (240-500)	250-800 (150-400)	3/0-600 (95-325)
7696-T-150	150 kV	1.53"-2.32" (38,9-58,9 mm)	1750-2000	1500-2000	1250-2000 (625-1000)	900-1750 (500-800)	700-1500 (400-725)
<b>Concentric and Jacketed Concentric Neutral Cable Kits (Each kit makes one termination.)</b>							
7642-T-110	110 kV	0.64"-1.08" (16,3-27,4 mm)	4/0-400	3/0-300	2-4/0 (35-120)	—	—
7644-T-110	110 kV	0.83"-1.53" (21,1-38,9 mm)	500-750	350-700	4/0-500 (120-240)	—	—
7645-T-110	110 kV	1.05"-1.08" (26,7-45,7 mm)	700-1500	600-1250	500-1000 (240-500)	—	—
7646-T-110	110 kV	1.53"-2.32" (38,9-58,9 mm)	1750-2000	1500-2000	1250-2000 (625-1000)	—	—
7653-T-150	150 kV	0.72"-1.29" (18,3-32,8 mm)	300 -500	250 - 500	2/0-300 (70-150)	2-4/0 (35-120)	2-2/0 (35-70)
7655-T-150	150 kV	1.05"-1.80" (26,7-45,7 mm)	700-1500	600-1250	500-1250 (240-625)	250-800 (150-400)	3/0-600 (95-325)
7656-T-150	150 kV	1.53"-2.32" (38,9-58,9 mm)	1750-2000	1500-2000	1250-2000 (625-1000)	900-1750 (500-800)	700-1500 (400-725)
<b>High Fault Current Cable Kits. For Tape Shield, LC, Wire-Over-Tape Shield Cables (Each Kit makes one termination.)</b>							
7642-T-HSG-110	110 kV	0.64"-1.08" (16,3-27,4 mm)	4/0-400	3/0-300	2-4/0 (35-120)	—	—
7644-T-HSG-110	110 kV	0.83"-1.53" (21,1-38,9 mm)	500-750	350-700	4/0-500 (120-240)	—	—
7645-T-HSG-110	110 kV	1.05"-1.80" (26,7-45,7 mm)	700-1500	600-1250	500-1000 (240-500)	—	—
7646-T-HSG-110	110 kV	1.53"-2.32" (38,9-58,9 mm)	1750-2000	1500-2000	1250-2000 (625-1000)	—	—
7653-T-HSG-150	150 kV	0.72"-1.29" (18,3-32,8 mm)	300 -500	250 - 500	2/0-300 (70-150)	2-4/0 (35-120)	2-2/0 (35-70)
7655-T-HSG-150	150 kV	1.05"-1.80" (26,7-45,7 mm)	700-1500	600-1250	500-1000 (240-500)	250-800 (150-400)	3/0-600 (95-325)
7656-T-HSG-150	150 kV	1.53"-2.32" (38,9-58,9 mm)	1750-2000	1500-2000	1250-2000 (625-1000)	900-1750 (500-800)	700-1500 (400-725)

\* 150 kV impulse level meets the impulse requirements for 35 kV class equipment where indoor terminations are used.

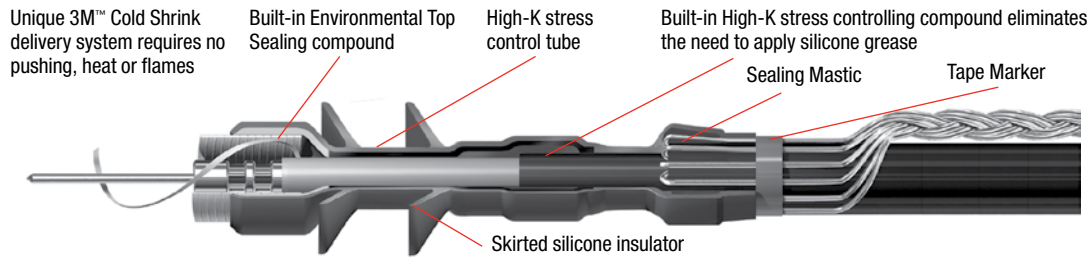


### 3M™ Cold Shrink QT-III Silicone Rubber Outdoor Terminations



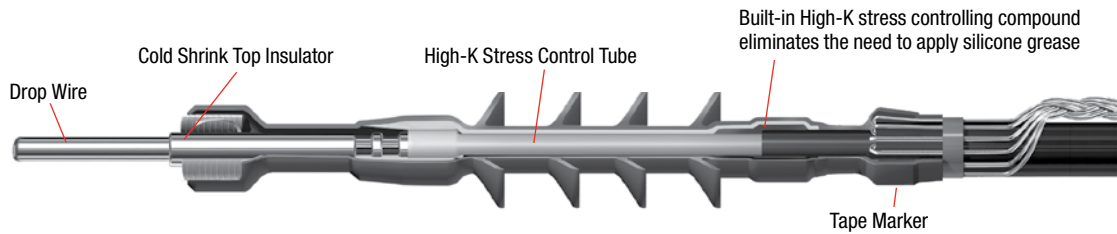
Kit Number	Cable Insulation		Conductor Size Range AWG and kcmil (mm <sup>2</sup> )				
	BIL	O.D. Range	5 kV	8 kV	15 kV	25/28 kV	35 kV
<b>Shielded Cable Kits (Each kit makes three terminations.)</b>							
7620-S-2	95 kV	0.32"-0.59" (8,1-15,0 mm)	8-4	8-6	—	—	—
7621-S-2	95 kV	0.44"-0.89" (11,2-22,6 mm)	2-3/0	4-2/0	—	—	—
7622-S-2	110 kV	0.64"-1.08" (16,3-27,4 mm)	4/0-400	3/0-300	2-4/0 (35-120)	—	—
7692-S-4	150 kV	0.64"-1.08" (16,3-27,4 mm)	4/0-400	3/0-300	2-4/0 (35-120)	2-1/0 (35-50)	—
7693-S-4	150 kV	0.72"-1.29" (18,3-32,8 mm)	300-500	250-500	2/0-300 (70-150)	2-4/0 (35-120)	—
7694-S-4	150 kV	0.83"-1.53" (21,1-38,9 mm)	500-750	350-700	4/0-500 (120-240)	2/0-250 (70-150)	—
7695-S-4	150 kV	1.05"-1.80" (26,7-45,7 mm)	700-1500	600-1250	500-1000 (240-500)	250-800 (125-400)	—
7696-S-4	150 kV	1.53"-2.32" (38,9-58,9 mm)	1750-2000	1500-2000	1250-2000 (625-1000)	900-1750 (500-800)	—
7683-S-8	200 kV	0.72"-1.29" (18,3-32,8 mm)	300-500	250-500	2/0-300 (70-150)	2-4/0 (35-120)	2-2/0 (35-70)
7684-S-8	200 kV	0.83"-1.53" (21,1-38,9 mm)	500-750	350-700	4/0-500 (120-240)	2/0-250 (70-150)	2-4/0 (35-120)
7685-S-8	200 kV	1.05"-1.80" (26,7-45,7 mm)	700-1500	600-1250	500-1000 (240-500)	250-800 (125-400)	3/0-600 (95-325)
7686-S-8	200 kV	1.53"-2.32" (38,9-58,9 mm)	1750-2000	1500-2000	1250-2000 (625-1000)	900-1750 (500-800)	700-1500 (400-725)
<b>Concentric and Jacketed Concentric Neutral Cable Kits (Each kit makes one termination.)</b>							
7642-S-2	110 kV	0.64"-1.08" (16,3-27,4 mm)	4/0-400	3/0-300	2-4/0 (35-120)	—	—
7652-S-4	150 kV	0.64"-1.08" (16,3-27,4 mm)	4/0-400	3/0-300	2-4/0 (35-120)	2-1/0 (35-50)	—
7653-S-4	150 kV	0.72"-1.29" (18,3-32,8 mm)	300-500	250-500	2/0-300 (70-150)	2-4/0 (35-120)	—
7654-S-4	150 kV	0.83"-1.53" (21,1-38,9 mm)	500-750	350-700	4/0-500 (120-240)	2/0-250 (70-150)	—
7655-S-4	150 kV	1.05"-1.80" (26,7-45,7 mm)	700-1500	600-1250	500-1000 (240-500)	250-800 (150-400)	—
7656-S-4	150 kV	1.53"-2.32" (38,9-58,9 mm)	1750-2000	1500-2000	1250-2000 (625-1000)	900-1750 (500-800)	—
7663-S-8	200 kV	0.72"-1.29" (18,3-32,8 mm)	300-500	250-500	2/0-300 (70-150)	2-4/0 (35-120)	2-2/0 (35-70)
7664-S-8	200 kV	0.83"-1.53" (21,1-38,9 mm)	500-750	350-700	4/0-500 (120-240)	2/0-250 (70-150)	2-4/0 (35-120)
7665-S-8	200 kV	1.05"-1.80" (26,7-45,7 mm)	700-1500	600-1250	500-1000 (240-500)	250-800 (125-400)	3/0-600 (95-325)
7666-S-8	200 kV	1.53"-2.32" (38,9-58,9 mm)	1750-2000	1500-2000	1250-2000 (625-1000)	900-1750 (500-800)	700-1500 (400-725)
<b>High Fault Current Cable Kits For Tape Shield, LC, Wire-Over-Tape Shield Cables (Each kit makes one termination.)</b>							
7652-S-HSG-4	150 kV	0.64"-1.08" (16,3-27,4 mm)	4/0-400	3/0-300	2-4/0 (35-120)	2-1/0 (35-50)	—
7653-S-HSG-4	150 kV	0.72"-1.29" (18,3-32,8 mm)	300-500	250-500	2/0-300 (70-150)	2-4/0 (35-120)	—
7654-S-HSG-4	150 kV	0.83"-1.53" (21,1-38,9 mm)	500-750	350-700	4/0-500 (120-240)	2/0-250 (70-150)	—
7655-S-HSG-4	150 kV	1.05"-1.80" (26,7-45,7 mm)	700-1500	600-1250	500-1000 (240-500)	250-800 (150-400)	—
7656-S-HSG-4	150 kV	1.53"-2.32" (38,9-58,9 mm)	1750-2000	1500-2000	1250-2000 (625-1000)	900-1750 (500-800)	—
7663-S-HSG-8	200 kV	0.72"-1.29" (18,3-32,8 mm)	300-500	250-500	2/0-300 (70-150)	2-4/0 (35-120)	2-2/0 (35-70)
7664-S-HSG-8	200 kV	0.83"-1.53" (21,1-38,9 mm)	500-750	350-700	4/0-500 (120-240)	2/0-250 (70-150)	2-4/0 (35-120)
7665-S-HSG-8	200 kV	1.05"-1.80" (26,7-45,7 mm)	700-1500	600-1250	500-1000 (240-500)	250-800 (125-400)	3/0-600 (95-325)
7666-S-HSG-8	200 kV	1.53"-2.32" (38,9-58,9 mm)	1750-2000	1500-2000	1250-2000 (625-1000)	900-1750 (500-800)	700-1500 (400-725)

Please contact your local 3M representative for more information at 800-245-3573.



### 3M™ Cold Shrink QT-III Silicone Rubber Inverted Outdoor Terminations

Kit Number	BIL	Cable Insulation		Conductor Size Range AWG and kcmil (mm <sup>2</sup> )				
		O.D. Range	5 kV	8 kV	15 kV	25/28 kV	35 kV	
<b>Inverted Kits Concentric and Jacketed Concentric Neutral Cable (Each kit makes one termination.)</b>								
7642-S-INV-2	110 kV	0.64"-1.08" (16,3-27,4 mm)	4/0-400	3/0-300	2-4/0 (35-120)	—	—	
7653-S-INV-4	200 kV	0.72"-1.29" (18,3-32,8 mm)	300-500	250-500	2/0-300 (70-150)	2-4/0 (35-120)	2-2/0 (35-70)	
7655-S-INV-4	200 kV	1.05"-1.80" (26,7-45,7 mm)	700-1500	600-1250	500-1000 (240-500)	250-800 (150-400)	3/0-600 (95-325)	
7656-S-INV-4	200 kV	1.53"-2.32" (38,9-58,9 mm)	1750-2000	1500-2000	1250-2000 (625-1000)	900-1750 (500-800)	700-1500 (400-725)	
<b>Inverted Kits for Tape Shield, Wire Shield and UniShield® Cables (Each kit makes three terminations.)</b>								
7622-S-INV-2	110 kV	0.64"-1.08" (16,3-27,4 mm)	4/0-400	3/0-300	2-4/0 (35-120)	—	—	
7693-S-INV-4	150 kV	0.72"-1.29" (18,3-32,8 mm)	300-500	250-500	2/0-300 (70-150)	2-4/0 (35-120)	2-2/0 (35-70)	
7695-S-INV-4	150 kV	1.05"-1.80" (26,7-45,7 mm)	700-1500	600-1250	350-1000 (185-500)	250-800 (150-400)	3/0-600 (95-325)	
7696-S-INV-4	150 kV	1.53"-2.32" (38,9-58,9 mm)	1750-2000	1500-2000	1250-2000 (625-1000)	900-1750 (500-800)	700-1500 (400-725)	



### 3M™ Cold Shrink QT-III Silicone Rubber Termination with Top Insulator

Kit Number	BIL	Cable Insulation O.D. Range	Connector & Drop Wire O.D. Range	Conductor Size Range 100% Insulation Level	
				15 kV	25/28 kV
<b>Concentric and Jacketed Concentric Neutral Cable Kits (Each kit makes one termination.)</b>					
7642-S-2-TI	110 kV	0.64" - 1.08" (16,3 - 27,4 mm)	0.97" - 1.48" (24,6 - 37,6 mm)	2-4/0 (35 - 120 mm <sup>2</sup> )	—
7652-S-4-TI	150 kV	0.64" - 1.08" (16,3 - 27,4 mm)	0.51" - 0.82" (12,9 - 20,8 mm)	2 - 4/0 (35 - 120 mm <sup>2</sup> )	2 - 1/0 (35 - 50 mm <sup>2</sup> )
7653-S-4-TI	150 kV	0.72" - 1.29" (18,3 - 32,8 mm)	0.62" - 1.00" (15,7 - 25,4 mm)	2/0 - 300 (70 - 150 mm <sup>2</sup> )	2 - 4/0 (35 - 120 mm <sup>2</sup> )
7654-S-4-TI	150 kV	0.83" - 1.53" (21,1 - 38,9 mm)	0.66" - 1.18" (16,7 - 30,0 mm)	4/0 - 625 (120 - 240 mm <sup>2</sup> )	2/0 - 250 (70 - 150 mm <sup>2</sup> )
7655-S-4-TI	150 kV	1.05" - 1.80" (26,7 - 45,7 mm)	0.69" - 1.30" (17,5 - 33,0 mm)	500 - 1000 (240 - 500 mm <sup>2</sup> )	250 - 800 (150 - 400 mm <sup>2</sup> )
7656-S-4-TI	150 kV	1.53" - 2.32" (38,9 - 58,9 mm)	1/05" - 1.94" (26,6 - 49,3 mm)	1250 - 2000 (625 - 1000 mm <sup>2</sup> )	900 - 1750 (500 - 800 mm <sup>2</sup> )

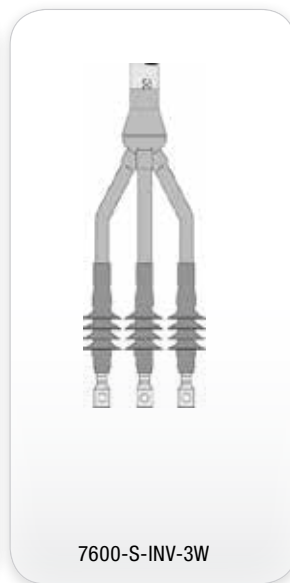
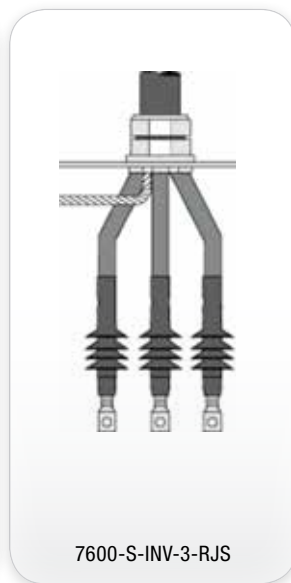
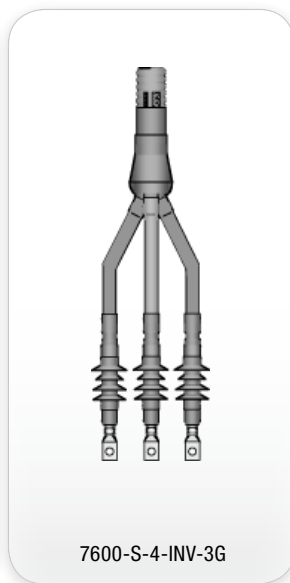
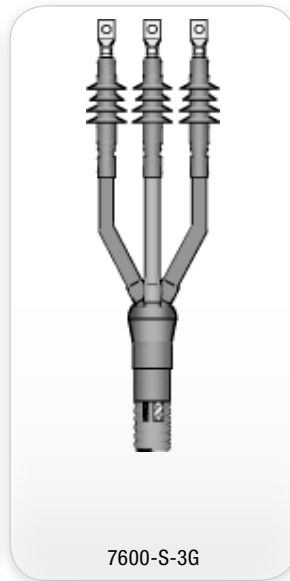
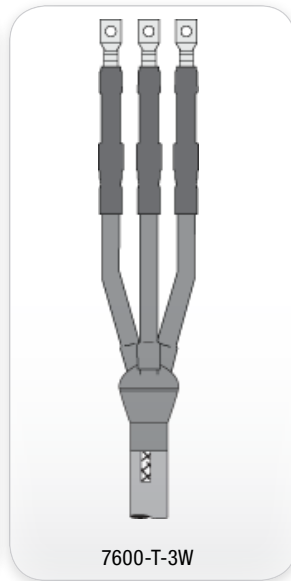
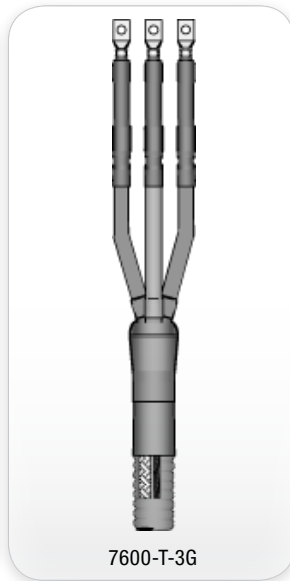
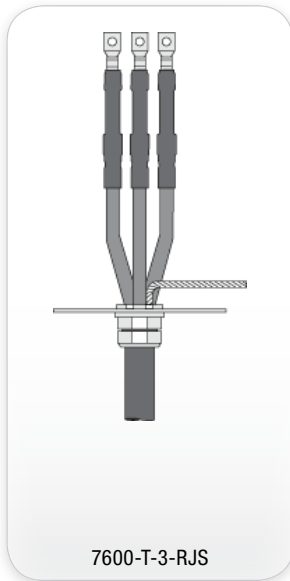
Please contact your local 3M representative for more information at 800-245-3573.

# Three Core Termination Kits



Kit Series	Insulator Configuration	Installation Environment	Conductor Size Range AWG and kcmil		Page Number
			Orientation	For Cable Type(s) With or Without Ground Wires	
7600-T-3-RJS	Tubular	Indoor-Cabinet Mount (No Breakout Boot)	Normal	With or without ground wires	9
7600-T-3G	Tubular	Indoor	Normal	With ground wires	11
7600-T-3W	Tubular	Indoor	Normal	Without ground wires	13
7600-S-3G	Skirted	Outdoor	Normal	With ground wires	15
7600-S-3-RJS	Skirted	Indoor-Cabinet Mount (No Breakout Boot)	Normal	With or without ground wires	15
7600-S-3W	Skirted	Outdoor	Normal	Without ground wires	17
7600-S-INV-3G	Skirted	Outdoor	Inverted	With ground wires	17
7600-S-INV-3-RJS	Skirted	Indoor-Cabinet Mount (No Breakout Boot)	Inverted	With or without ground wires	17
7600-S-INV-3W	Skirted	Outdoor	Inverted	Without ground wires	17

## Typical Three Core Configurations



## Three Core Terminations

### 3M™ Cold Shrink QT-III Indoor Termination Kit 7600-T-3-RJS Series for 5-35 kV For Tape Shielded Cables

Kit Number	BIL	Max. Installed Length	Cable Insulation O.D. Range	3.3 kV	5.0 kV
<b>Indoor cabinet mount installation environment. For cables with or without ground wires.</b>					
7620-T-95-3-RJS	95 kV	8.5" (216 mm)	0.33"-0.50" (8,4-12,7 mm)	IEC 16-35 mm <sup>2</sup> JIS 8-22 mm <sup>2</sup>	AEIC 8-2 AWG
7621-T-95-3-RJS	95 kV	8.5" (216 mm)	0.50"-0.70" (12,7-17,8 mm)	IEC 50-95 mm <sup>2</sup> JIS 38-60 mm <sup>2</sup>	AEIC 1-3/0 AWG
7623-T-95-3-RJS	95 kV	8.5" (216 mm)	0.70"-0.92" (17,8-23,4 mm)	IEC 120-185 mm <sup>2</sup> JIS 100-150 mm <sup>2</sup>	AEIC 4/0 AWG-400 kcmil
7624-T-95-3-RJS	95 kV	8.5" (216 mm)	0.92"-1.18" (23,4-30,0 mm)	IEC 240-300 mm <sup>2</sup> JIS 200-250 mm <sup>2</sup>	AEIC 500-750 kcmil
7621-T-110-3-RJS	110 kV	12.0" (305 mm)	0.50"-0.70" (12,7-17,8 mm)	IEC 50-95 mm <sup>2</sup> JIS 38-60 mm <sup>2</sup>	AEIC 1-3/0 AWG
7622-T-110-3-RJS	110 kV	12.0" (305 mm)	0.70"-0.92" (17,8-23,4 mm)	IEC 120-185 mm <sup>2</sup> JIS 100-150 mm <sup>2</sup>	AEIC 4/0 AWG-400 kcmil
7624-T-110-3-RJS	110 kV	12.0" (305 mm)	0.92"-1.18" (23,4-30,0 mm)	IEC 240-300 mm <sup>2</sup> JIS 200-250 mm <sup>2</sup>	AEIC 500-750 kcmil
7625-T-110-3-RJS	110 kV	12.0" (305 mm)	1.18"-1.52" (30,0-38,6 mm)	JIS 300-325 mm <sup>2</sup>	AEIC 800-1000 kcmil
7622-T-125-3-RJS	125 kV	10.5" (267 mm)	0.70"-0.92" (17,8-23,4 mm)	IEC 120-185 mm <sup>2</sup> JIS 100-150 mm <sup>2</sup>	AEIC 4/0 AWG-400 kcmil
7624-T-125-3-RJS	125 kV	10.5" (267 mm)	0.92"-1.18" (23,4-30,0 mm)	IEC 240-300 mm <sup>2</sup> JIS 200-250 mm <sup>2</sup>	AEIC 500-750 kcmil
7625-T-125-3-RJS	125 kV	10.5" (267 mm)	1.18"-1.52" (30,0-38,6 mm)	JIS 300-325 mm <sup>2</sup>	AEIC 800-1000 kcmil
7693-T-150-3-RJS	150 kV	16.0" (406 mm)	0.70"-0.92" (17,8-23,4 mm)	IEC 120-185 mm <sup>2</sup> JIS 100-150 mm <sup>2</sup>	AEIC 4/0 AWG-400 kcmil
7694-T-150-3-RJS	150 kV	16.0" (406 mm)	0.92"-1.18" (23,4-30,0 mm)	IEC 240-300 mm <sup>2</sup> JIS 200-250 mm <sup>2</sup>	AEIC 500-750 kcmil
7695-T-150-3-RJS	150 kV	16.0" (406 mm)	1.18"-1.52" (30,0-38,6 mm)	JIS 300-325 mm <sup>2</sup>	AEIC 800-1000 kcmil
7696-T-150-3-RJS	150 kV	16.0" (406 mm)	1.53"-1.81" (38,4-46,0 mm)	-	-

Note: For Wire or UniShield® shielding, please contact 3M for technical assistance.





Conductor Size Range 100% Insulation Level						
6.6 kV	8 kV	10 kV	15 kV	20 kV	25/28 kV	35 kV
IEC 16-25 mm <sup>2</sup>	AEIC 6-4 AWG	-	-	-	-	-
IEC 35-70 mm <sup>2</sup>	AEIC 2-2/0 AWG	IEC 10-50 mm <sup>2</sup>	IEC 16-25 mm <sup>2</sup>	-	-	-
IEC 95-150 mm <sup>2</sup>	AEIC 3/0 AWG-350 kcmil	IEC 70-150 mm <sup>2</sup>	IEC 35-95 mm <sup>2</sup>	-	-	-
IEC 185-300 mm <sup>2</sup>	AEIC 400-600 kcmil	IEC 185-300 mm <sup>2</sup>	IEC 120-185 mm <sup>2</sup>	-	-	-
IEC 35-70 mm <sup>2</sup> JIS 14-38 mm <sup>2</sup>	AEIC 2-2/0 AWG	IEC 10-50 mm <sup>2</sup>	IEC 16-25 mm <sup>2</sup> AEIC 2-1 AWG	-	-	-
IEC 95-150 mm <sup>2</sup> JIS 60-100 mm <sup>2</sup>	AEIC 3/0 AWG-350 kcmil	IEC 70-150 mm <sup>2</sup>	IEC 35-95 mm <sup>2</sup> AEIC 1/0-4/0 AWG	-	-	-
IEC 185-300 mm <sup>2</sup> JIS 150-250 mm <sup>2</sup>	AEIC 400-600 kcmil	IEC 185-300 mm <sup>2</sup>	IEC 120-185 mm <sup>2</sup> AEIC 250-450 kcmil	-	-	-
JIS 300-325 mm <sup>2</sup>	AEIC 750-1000 kcmil	-	IEC 200-325 mm <sup>2</sup> AEIC 500-750 kcmil	-	-	-
IEC 95-150 mm <sup>2</sup> JIS 60-100 mm <sup>2</sup>	AEIC 3/0 AWG-350 kcmil	IEC 70-150 mm <sup>2</sup>	IEC 35-95 mm <sup>2</sup> AEIC 1/0-4/0 AWG	IEC 25-70 mm <sup>2</sup>	-	-
IEC 185-300 mm <sup>2</sup> JIS 150-250 mm <sup>2</sup>	AEIC 400-600 kcmil	IEC 185-300 mm <sup>2</sup>	IEC 120-185 mm <sup>2</sup> AEIC 250-450 kcmil	IEC 95-185 mm <sup>2</sup>	-	-
JIS 300-325 mm <sup>2</sup>	AEIC 750-1000 kcmil	-	IEC 200-325 mm <sup>2</sup> AEIC 500-750 kcmil	IEC 240-300 mm <sup>2</sup>	-	-
IEC 95-150 mm <sup>2</sup> JIS 60-100 mm <sup>2</sup>	AEIC 3/0 AWG-350 kcmil	IEC 70-150 mm <sup>2</sup>	IEC 35-95 mm <sup>2</sup> AEIC 1/0-4/0 AWG	IEC 25-70 mm <sup>2</sup>	AEIC 2-1/0 AWG	-
IEC 185-300 mm <sup>2</sup> JIS 150-250 mm <sup>2</sup>	AEIC 400-600 kcmil	IEC 185-300 mm <sup>2</sup>	IEC 120-185 mm <sup>2</sup> AEIC 250-450 kcmil	IEC 95-185 mm <sup>2</sup>	AEIC 2/0 AWG-250 kcmil	AEIC 1/0-3/0 AWG
JIS 300-325 mm <sup>2</sup>	AEIC 750-1000 kcmil	-	IEC 200-325 mm <sup>2</sup> AEIC 500-750 kcmil	IEC 240-300 mm <sup>2</sup>	AEIC 300-500 kcmil	AEIC 4/0 AWG-500 kcmil
-	-	-	-	-	AEIC 750 kcmil	AEIC 500-750 kcmil

# Long-Term Reliability

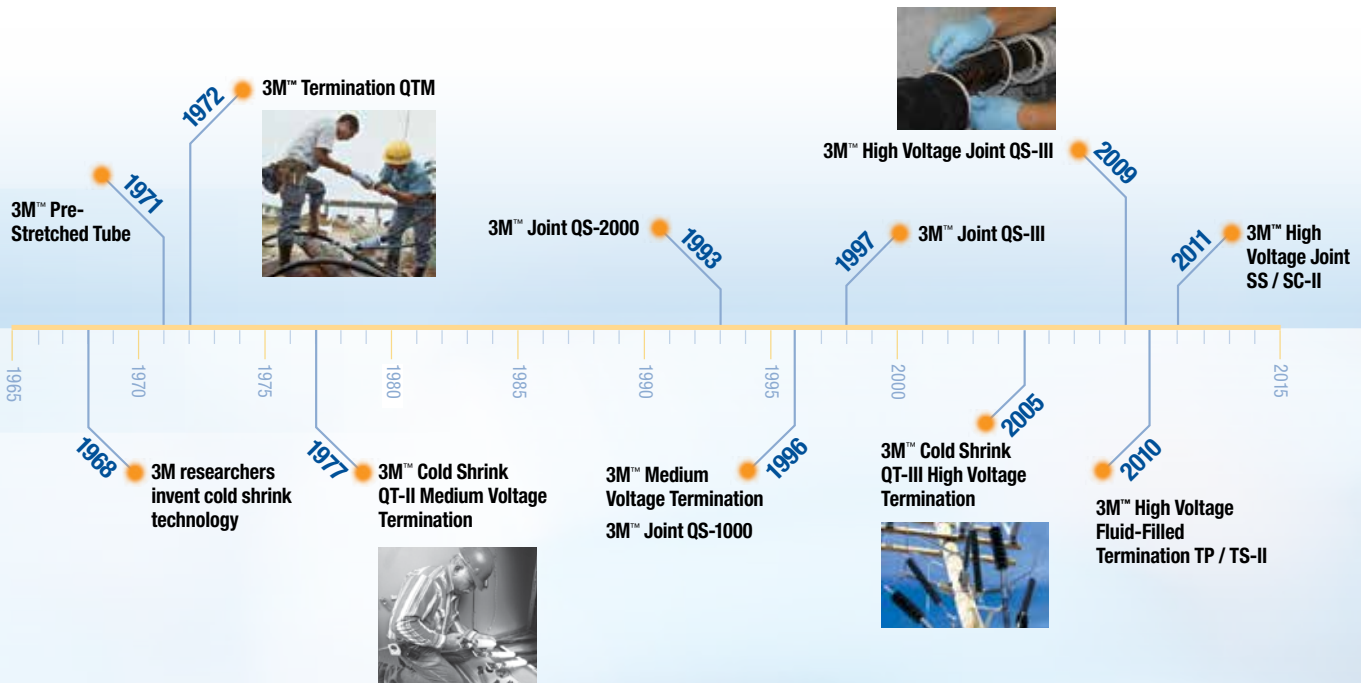
### 3M™ Cold Shrink QT-III Termination Kit 7600-S-3-RJS Series for 5-35 kV For Tape Shielded Cables

Kit Number	Skirts	BIL	Max. Installed Length	Cable Insulation O.D.		
				Range	3.3 kV	5.0 kV
<b>Indoor cabinet mount installation environment. For cables with or without ground wires. (Each kit makes one Three Core conductor termination.)</b>						
7620-S-2-3-RJS	2	95 kV	10.5" (267 mm)	0.33"-0.50" (8,4-12,7 mm)	IEC 16-35 mm <sup>2</sup> JIS 8-22 mm <sup>2</sup>	AEIC 8-2 AWG
7621-S-2-3-RJS	2	95 kV	10.5" (267 mm)	0.50"-0.70" (12,7-17,8 mm)	IEC 50-95 mm <sup>2</sup> JIS 38-60 mm <sup>2</sup>	AEIC 1-3/0 AWG
7622-S-2-3-RJS	2	110 kV	9.8" (249 mm)	0.70"-0.92" (17,8-23,4 mm)	IEC 120-185 mm <sup>2</sup> JIS 100-150 mm <sup>2</sup>	AEIC 4/0 AWG-400 kcmil
7691-S-4-3-RJS	4	150 kV	12.25" (311 mm)	0.50"-0.70" (12,7-17,8 mm)	IEC 50-95 mm <sup>2</sup> JIS 38-60 mm <sup>2</sup>	AEIC 1-3/0 AWG
7692-S-4-3-RJS	4	150 kV	12.25" (311 mm)	0.70"-0.92" (17,8-23,4 mm)	IEC 120-185 mm <sup>2</sup> JIS 100-150 mm <sup>2</sup>	AEIC 4/0 AWG-400 kcmil
7693-S-4-3-RJS	4	150 kV	12.25" (311 mm)	0.92"-1.18" (23,4-30,0 mm)	IEC 240-300 mm <sup>2</sup> JIS 200-250 mm <sup>2</sup>	AEIC 500-750 kcmil
7695-S-4-3-RJS	4	150 kV	12.25" (311 mm)	1.18"-1.52" (30,0-38,6 mm)	JIS 300-325 mm <sup>2</sup>	AEIC 800-1000 kcmil
7684-S-8-3-RJS	8	200 kV	20.5" (521 mm)	0.92"-1.18" (23,4-30,0 mm)	IEC 240-300 mm <sup>2</sup> JIS 200-250 mm <sup>2</sup>	AEIC 500-750 kcmil
7685-S-8-3-RJS	8	200 kV	20.5" (521 mm)	1.18"-1.52" (30,0-38,6 mm)	JIS 300-325 mm <sup>2</sup>	AEIC 800-1000 kcmil
7686-S-8-3-RJS	8	200 kV	21.5" (546 mm)	1.53"-1.81" (38,8-46,0 mm)	-	-

Note: For Wire or UniShield® shielding, please contact 3M for technical assistance.

# A History of Cold Shrink Technology Innovation

Conductor Size Range 100% Insulation Level							
6.6 kV	8 kV	10 kV	15 kV	20 kV	25/28 kV	30 kV	35 kV
IEC 16-25 mm <sup>2</sup>	AEIC 6-4 AWG	-	-	-	-	-	-
IEC 35-70 mm <sup>2</sup>	AEIC 2-2/0 AWG	IEC 10-50 mm <sup>2</sup>	IEC 16-25 mm <sup>2</sup>	-	-	-	-
IEC 95-150 mm <sup>2</sup> JIS 60-100 mm <sup>2</sup>	AEIC 3/0 AWG-350 kcmil	IEC 70-150 mm <sup>2</sup>	IEC 35-95 mm <sup>2</sup> AEIC 1/0-4/0 AWG	-	-	-	-
IEC 35-70 mm <sup>2</sup>	AEIC 2-2/0 AWG	IEC 10-50 mm <sup>2</sup>	IEC 16-25 mm <sup>2</sup> AEIC 2-1 AWG	-	-	-	-
IEC 95-150 mm <sup>2</sup> JIS 60-100 mm <sup>2</sup>	AEIC 3/0 AWG-350 kcmil	IEC 70-150 mm <sup>2</sup>	IEC 35-95 mm <sup>2</sup> AEIC 1/0-4/0 AWG	IEC 25-70 mm <sup>2</sup>	AEIC 2-1/0 AWG	-	-
IEC 185-300 mm <sup>2</sup> JIS 150-250 mm <sup>2</sup>	AEIC 400-600 kcmil	IEC 185-300 mm <sup>2</sup>	IEC 120-185 mm <sup>2</sup> AEIC 250-450 kcmil	IEC 95-185 mm <sup>2</sup>	AEIC 2/0 AWG-250 kcmil	-	-
JIS 300-325 mm <sup>2</sup>	AEIC 750-1000 kcmil	-	IEC 200-325 mm <sup>2</sup> AEIC 500-750 kcmil	IEC 240-300 mm <sup>2</sup>	AEIC 300-500 kcmil	-	-
IEC 185-300 mm <sup>2</sup> JIS 150-250 mm <sup>2</sup>	AEIC 400-600 kcmil	IEC 185-300 mm <sup>2</sup>	IEC 120-185 mm <sup>2</sup> AEIC 250-450 kcmil	IEC 95-185 mm <sup>2</sup>	AEIC 2/0 AWG-250 kcmil	IEC 35-70 mm <sup>2</sup>	AEIC 1/0-3/0 AWG
JIS 300-325 mm <sup>2</sup>	AEIC 750-1000 kcmil	-	IEC 200-325 mm <sup>2</sup> AEIC 500-750 kcmil	IEC 240-300 mm <sup>2</sup>	AEIC 300-500 kcmil	IEC 95-240 mm <sup>2</sup>	AEIC 4/0 AWG-500 kcmil
-	-	-	-	-	AEIC 750 kcmil	IEC 240-325 mm <sup>2</sup>	AEIC 500-750 kcmil



### 3M™ Cold Shrink QT-III Indoor Termination Kit 7600-T-3G Series for 5-35 kV For Tape Shielded Cables

Kit Number	BIL	Max. Installed Length	Cable Insulation O.D. Range	Max. Cable O.D.
<b>Indoor installation environment. For cables with ground wires. (Each kit makes one termination.)</b>				
<b>7620-T-95-3G</b>	95 kV	8.5" (216 mm)	0.33"-0.50" (8,4-12,7 mm)	2.20" (55,9 mm)
<b>7621-T-95-3G</b>	95 kV	8.5" (216 mm)	0.50"-0.70" (12,7-17,8 mm)	2.80" (71,1 mm)
<b>7623-T-95-3G</b>	95 kV	8.5" (216 mm)	0.70"-0.92" (17,8-23,4 mm)	3.30" (83,8 mm)
<b>7624-T-95-3G</b>	95 kV	8.5" (216 mm)	0.92"-1.18" (23,4-30,0 mm)	3.90" (99,1 mm)
<b>7625-T-95-3G</b>	95 kV	8.5" (216 mm)	1.18"-1.52" (30,0-38,4 mm)	4.50" (114,3 mm)
<b>7621-T-110-3G</b>	110 kV	12.0" (305 mm)	0.50"-0.70" (12,7-17,8 mm)	2.80" (71,1 mm)
<b>7622-T-110-3G</b>	110 kV	12.0" (305 mm)	0.70"-0.92" (17,8-23,4 mm)	3.30" (83,8 mm)
<b>7624-T-110-3G</b>	110 kV	12.0" (305 mm)	0.92"-1.18" (23,4-30,0 mm)	3.90" (99,1 mm)
<b>7625-T-110-3G</b>	110 kV	12.0" (305 mm)	1.18"-1.52" (30,0-38,4 mm)	4.50" (114,3 mm)
<b>7693-T-150-3G</b>	150 kV	16.0" (406 mm)	0.70"-0.92" (17,8-23,4 mm)	3.30" (83,8 mm)
<b>7694-T-150-3G</b>	150 kV	16.0" (406 mm)	0.92"-1.18" (23,4-30,0 mm)	3.90" (99,1 mm)
<b>7695-T-150-3G</b>	150 kV	16.0" (406 mm)	1.18"-1.52" (30,0-38,4 mm)	4.50" (114,3 mm)
<b>7696-T-150-3G</b>	150 kV	16.0"	1.53"-1.81" (38,8-46,0 mm)	5.40" (137,2 mm) (38,8-46,0 mm)

Note: For Wire or UniShield shielding, contact 3M for technical assistance.



Conductor Size Range 100% (133%) Insulation Level				
5 kV	8 kV	15 kV	25/28 kV	35 kV
8-2 AWG (6-4 AWG)	6-4 AWG (6-4 AWG)	-	-	-
1-3/0 AWG (2-2/0 AWG)	2-2/0 AWG (2-2/0 AWG)	-	-	-
4/0 AWG-350 kcmil (3/0 AWG-350 kcmil)	3/0 AWG-350 kcmil (3/0 AWG-350 kcmil)	-	-	-
400-500 kcmil (400-500 kcmil)	400-500 kcmil (400-500 kcmil)	-	-	-
700-1000 kcmil (700-1000 kcmil)	700-1000 kcmil (700-1000 kcmil)	-	-	-
1-3/0 AWG (2-2/0 AWG)	2-2/0 AWG (2-2/0 AWG)	2-1 AWG -	-	-
4/0 AWG-350 kcmil (3/0 AWG-350 kcmil)	3/0 AWG-350 kcmil (3/0 AWG-350 kcmil)	1/0-4/0 AWG (2-3/0 AWG)	-	-
400-500 kcmil (400-500 kcmil)	400-500 kcmil (400-500 kcmil)	250-350 kcmil (4/0 AWG-350 kcmil)	-	-
700-1000 kcmil (700-1000 kcmil)	700-1000 kcmil (700-1000 kcmil)	500-750 kcmil (500-750 kcmil)	-	-
4/0 AWG-350 kcmil (3/0 AWG-350 kcmil)	3/0 AWG-350 kcmil (3/0 AWG-350 kcmil)	1/0-4/0 AWG (2-3/0 AWG)	1-1/0 AWG -	-
400-500 kcmil (400-500 kcmil)	400-500 kcmil (400-500 kcmil)	250-350 kcmil (4/0 AWG-350 kcmil)	2/0 AWG-250 kcmil (1-4/0 AWG)	1/0-3/0 AWG -
700-1000 kcmil (700-1000 kcmil)	700-1000 kcmil (700-1000 kcmil)	500-750 kcmil (500-750 kcmil)	350-500 kcmil (250-500 kcmil)	4/0 AWG-500 kcmil (1/0 AWG-350 kcmil)
-	-	- (1000 kcmil)	750 kcmil (500-750 kcmil)	500-750 kcmil (350-750 kcmil)

### 3M™ Cold Shrink QT-III Indoor Termination Kit 7600-T-3W Series for 5-35 kV For Tape Shielded Cables

Kit Number	BIL	Max. Installed Length	Cable Insulation O.D. Range	3.3 kV	5.0 kV
<b>Indoor installation environment. For cables without ground wires. (Each kit makes one Three Core conductor termination.)</b>					
7620-T-95-3W	95 kV	8.5" (216 mm)	0.33"-0.50" (8,4-12,7 mm)	IEC 16-35 mm <sup>2</sup> JIS 8-22 mm <sup>2</sup>	AEIC 8-2 AWG
7621-T-95-3W	95 kV	8.5" (216 mm)	0.50"-0.70" (12,7-17,8 mm)	IEC 50-95 mm <sup>2</sup> JIS 38-60 mm <sup>2</sup>	AEIC 1-3/0 AWG
7623-T-95-3W	95 kV	8.5" (216 mm)	0.70"-0.92" (17,8-23,4 mm)	IEC 120-185 mm <sup>2</sup> JIS 100-150 mm <sup>2</sup>	AEIC 4/0 AWG-400 kcmil
7624-T-95-3W	95 kV	8.5" (216 mm)	0.92"-1.18" (23,4-30,0 mm)	IEC 240-300 mm <sup>2</sup> JIS 200-250 mm <sup>2</sup>	AEIC 500-750 kcmil
7625-T-95-3W	95 kV	8.5" (216 mm)	1.18"-1.52" (30,0-38,6 mm)	JIS 300-325 mm <sup>2</sup>	AEIC 800-1000 kcmil
7621-T-110-3W	110 kV	12.0" (305 mm)	0.50"-0.70" (12,7-17,8 mm)	IEC 50-95 mm <sup>2</sup> JIS 38-60 mm <sup>2</sup>	AEIC 1-3/0 AWG
7622-T-110-3W	110 kV	12.0" (305 mm)	0.70"-0.92" (17,8-23,4 mm)	IEC 120-185 mm <sup>2</sup> JIS 100-150 mm <sup>2</sup>	AEIC 4/0 AWG-400 kcmil
7624-T-110-3W	110 kV	12.0" (305 mm)	0.92"-1.18" (23,4-30,0 mm)	IEC 240-300 mm <sup>2</sup> JIS 200-250 mm <sup>2</sup>	AEIC 500-750 kcmil
7625-T-110-3W	110 kV	12.0" (305 mm)	1.18"-1.52" (30,0-38,6 mm)	JIS 300-325 mm <sup>2</sup>	AEIC 800-1000 kcmil
7625-T-125-3W	125 kV	10.5" (267 mm)	1.18"-1.52" (30,0-38,6 mm)	JIS 300-325 mm <sup>2</sup>	AEIC 800-1000 kcmil
7693-T-150-3W	150 kV	16.00" (406 mm)	0.70"-0.92" (17,8-23,4 mm)	IEC 120-185 mm <sup>2</sup> JIS 100-150 mm <sup>2</sup>	AEIC 4/0 AWG-400 kcmil
7694-T-150-3W	150 kV	16.00" (406 mm)	0.92"-1.18" (23,4-30,0 mm)	IEC 240-300 mm <sup>2</sup> JIS 200-250 mm <sup>2</sup>	AEIC 500-750 kcmil
7695-T-150-3W	150 kV	16.00" (406 mm)	1.18"-1.52" (30,0-38,6 mm)	JIS 300-325 mm <sup>2</sup>	AEIC 800-1000 kcmil
7695-T-150-3-RJS	150 kV	16.0" (406 mm)	1.18"-1.52" (30,0-38,6 mm)	JIS (300-325 mm <sup>2</sup> )	800-1000 kcmil
7696-T-150-3-RJS	150 kV	16.0" (406 mm)	1.53"-1.81" (38,4-46,0 mm)	-	-

Note: For Wire or UniShield® shielding, please contact 3M for technical assistance.



Conductor Size Range 100% Insulation Level						
6.6 kV	8 kV	10 kV	15 kV	20 kV	25/28 kV	35 kV
JIS 16-25 mm <sup>2</sup>	AEIC 6-4 AWG	-	-	-	-	-
JIS 35-70 mm <sup>2</sup>	AEIC 2-2/0 AWG	IEC 10-50 mm <sup>2</sup>	IEC 16-25 mm <sup>2</sup>	-	-	-
JIS 95-150 mm <sup>2</sup>	AEIC 3/0 AWG-350 kcmil	IEC 70-150 mm <sup>2</sup>	IEC 35-95 mm <sup>2</sup>	-	-	-
JIS 185-300 mm <sup>2</sup>	AEIC 400-600 kcmil	IEC 185-300 mm <sup>2</sup>	IEC 120-185 mm <sup>2</sup>	-	-	-
-	AEIC 750-1000 kcmil	-	IEC 200-325 mm <sup>2</sup>	-	-	-
IEC 14-38 mm <sup>2</sup> JIS 35-70 mm <sup>2</sup>	AEIC 2-2/0 AWG	IEC 10-50 mm <sup>2</sup>	IEC 16-25 mm <sup>2</sup> AEIC 2-1 AWG	-	-	-
IEC 60-100 mm <sup>2</sup> JIS 95-150 mm <sup>2</sup>	AEIC 3/0 AWG-350 kcmil	IEC 70-150 mm <sup>2</sup>	IEC 35-95 mm <sup>2</sup> AEIC 1/0-4/0 AWG	-	-	-
IEC 150-250 mm <sup>2</sup> JIS 185-300 mm <sup>2</sup>	AEIC 400-600 kcmil	IEC 185-300 mm <sup>2</sup>	IEC 120-185 mm <sup>2</sup> AEIC 250-450 kcmil	-	-	-
IEC 300-325 mm <sup>2</sup>	AEIC 750-1000 kcmil	-	IEC 200-325 mm <sup>2</sup> AEIC 500-750 kcmil	-	-	-
IEC 300-325 mm <sup>2</sup>	AEIC 750-1000 kcmil	-	IEC 200-325 mm <sup>2</sup> AEIC 500-750 kcmil	IEC 240-300 mm <sup>2</sup>	-	-
IEC 60-100 mm <sup>2</sup> JIS 95-150 mm <sup>2</sup>	AEIC 3/0 AWG-350 kcmil	IEC 70-150 mm <sup>2</sup>	IEC 35-95 mm <sup>2</sup> AEIC 1/0-4/0 AWG	IEC 25-70 mm <sup>2</sup>	AEIC 2-1/0 AWG	-
IEC 150-250 mm <sup>2</sup> JIS 185-300 mm <sup>2</sup>	AEIC 400-600 kcmil	IEC 185-300 mm <sup>2</sup>	IEC 120-185 mm <sup>2</sup> AEIC 250-450 kcmil	IEC 95-185 mm <sup>2</sup>	AEIC 2/0 AWG-250 kcmil	AEIC 1/0-3/0 AWG
IEC 300-325 mm <sup>2</sup>	AEIC 750-1000 kcmil	-	IEC 200-325 mm <sup>2</sup> AEIC 500-750 kcmil	IEC 240-300 mm <sup>2</sup>	AEIC 300-500 kcmil	AEIC 4/0 AWG-500 kcmil
JIS 300-325 mm <sup>2</sup>	750-1000 kcmil	-	200-325 mm <sup>2</sup> (500-750 kcmil)	240-300 mm <sup>2</sup>	300-500 kcmil	4/0 AWG-500 kcmil
-	-	-	-	-	750 kcmil	500-750 kcmil



Made  
in the USA

### 3M™ Cold Shrink QT-III Outdoor Termination Kit 7600-S-3G Series for 5-35 kV For Tape Shielded Cables

Kit Number	Skirts	BIL	Max. Installed Length	Insulation O.D. Range	Max. Cable O.D.
<b>Outdoor installation environment. For cables with ground wires. (Each kit makes one Three Core conductor termination.)</b>					
7620-S-2-3G	2	95 kV	10.5" (267 mm)	0.33"-0.50" (8,4-12,7 mm)	2.20" (55,9 mm)
7621-S-2-3G	2	95 kV	10.5" (267 mm)	0.50"-0.70" (12,7-17,8 mm)	2.80" (71,1 mm)
7622-S-2-3G	2	110 kV	9.8" (249 mm)	0.70"-0.92" (17,8-23,4 mm)	3.30" (83,8 mm)
7691-S-4-3G	4	150 kV	12.25" (311 mm)	0.50"-0.70" (12,7-17,8 mm)	2.80" (71,1 mm)
7692-S-4-3G	4	150 kV	12.25" (311 mm)	0.70"-0.92" (17,8-23,4 mm)	3.30" (83,8 mm)
7693-S-4-3G	4	150 kV	12.25" (311 mm)	0.92"-1.18" (23,4-30,0 mm)	3.90" (99,1 mm)
7695-S-4-3G	4	150 kV	12.25" (311 mm)	1.18"-1.52" (30,0-38,6 mm)	4.50" (114,3 mm)
7684-S-8-3G	8	200 kV	20.5" (521 mm)	0.92"-1.18" (23,4-30,0 mm)	3.90" (99,1 mm)
7685-S-8-3G	8	200 kV	20.5" (521 mm)	1.18"-1.52" (30,0-38,6 mm)	4.50" (114,3 mm)
7686-S-8-3G	8	200 kV	21.5" (546 mm)	1.53"-1.81" (38,8-46,0 mm)	5.40" (137,2 mm)





5 kV	Conductor Size Range 100% (133%) Insulation Level			
	8 kV	15 kV	25/28 kV	35 kV
8-2 (6-4)	6-4 (6-4)	-	-	-
1-3/0 (2-2/0)	2-2/0 (2-2/0)	2-1	-	-
4/0-350 (3/0-350)	3/0-350 (3/0-350)	1/0-4/0 (2-3/0)	-	-
1-3/0 (2-2/0)	2-2/0 (2-2/0)	2-1	-	-
4/0-350 (3/0-350)	3/0-350 (3/0-350)	1/0-4/0 (2-3/0)	1-1/0	-
400-500 (400-500)	400-500 (400-500)	250-350 (4/0-350)	2/0-250 (1-4/0)	-
700-1000 (700-1000)	700-1000 (700-1000)	500-750 (500-750)	350-500 (250-500)	-
-	-	250-350 (4/0-350)	2/0-250 (1-4/0)	1/0-3/0
-	-	500-750 (500-750)	350-500 (250-500)	4/0-500 (1/0-350)
-	-	1000	750 (500-750)	500-750 (500-750)

### 3M™ Cold Shrink QT-III Outdoor Termination Kit 7600-S-3W Series for 5-35 kV For Tape Shielded Cables

Kit Number	Skirts	BIL	Max. Installed Length	Cable Insulation O.D. Range	3.3 kV	5.0 kV
<b>Outdoor installation environment. For cables without ground wires. (Each kit makes one Three Core conductor termination.)</b>						
7620-S-2-3W	2	95 kV	10.5" (267 mm)	0.33"-0.50" (8,40-12,7 mm)	IEC 16-35 mm <sup>2</sup> JIS 8-22 mm <sup>2</sup>	AEIC 8-2 AWG
7621-S-2-3W	2	95 kV	10.5" (267 mm)	0.50"-0.70" (12,7-17,8 mm)	IEC 50-95 mm <sup>2</sup> JIS 38-60 mm <sup>2</sup>	AEIC 1-3/0 AWG
7622-S-2-3W	2	110 kV	9.8" (249 mm)	0.70"-0.92" (17,8-23,4 mm)	IEC 120-185 mm <sup>2</sup> JIS 100-150 mm <sup>2</sup>	AEIC 4/0 AWG-400 kcmil
7691-S-4-3W	4	150 kV	12.25" (311 mm)	0.50"-0.70" (12,7-17,8 mm)	IEC 50-95 mm <sup>2</sup> JIS 38-60 mm <sup>2</sup>	AEIC 1-3/0 AWG
7692-S-4-3W	4	150 kV	12.25" (311 mm)	0.70"-0.92" (17,8-23,4 mm)	IEC 120-185 mm <sup>2</sup> JIS 100-150 mm <sup>2</sup>	AEIC 4/0 AWG-400 kcmil
7693-S-4-3W	4	150 kV	12.25" (311 mm)	0.92"-1.18" (23,4-30,0 mm)	JIS 240-300 mm <sup>2</sup> IEC 200-250 mm <sup>2</sup>	AEIC 500-750 kcmil
7695-S-4-3W	4	150 kV	12.25" (311 mm)	1.18"-1.52" (30,0-38,6 mm)	JIS 300-325 mm <sup>2</sup>	AEIC 800-1000 kcmil
7685-S-8-3W	8	200 kV	21.50" (546 mm)	1.18"-1.52" (30,0-38,6 mm)	JIS 300-325 mm <sup>2</sup>	AEIC 800-1000 kcmil

### 3M™ Cold Shrink QT-III Inverted Outdoor Termination Kit 7600-S-4-INV-3G Series for 5-25 kV For Tape Shielded Cables

Kit Number	BIL	Max. Installed Length	Cable Insulation O.D. Range	Cable O.D.	Conductor Size Range 100% (133%) Insulation Level			
					5 kV	8 kV	15 kV	25/28 kV
<b>Outdoor installation environment. For cables without ground wires. (Each kit makes one Three Core conductor termination.)</b>								
7693-S-4-INV-3G	200 kV	16.0" (406 mm)	0.92"-1.18" (23,4-30,0 mm)	3.90" (99,1 mm)	400-500 kcmil (400-500 kcmil)	400-500 kcmil (400-500 kcmil)	250-350 kcmil (4/0 AWG-350 kcmil)	2/0 AWG-250 kcmil (1-4/0 AWG)
7695-S-4-INV-3G	200 kV	16.0" (406 mm)	1.18"-1.52" (30,0-38,4 mm)	4.50" (114,3 mm)	700-1000 kcmil (700-1000 kcmil)	700-1000 kcmil (700-1000 kcmil)	500-750 kcmil (500-750 kcmil)	350-500 kcmil (250-500 kcmil)

### 3M™ Cold Shrink QT-III Inverted Outdoor Termination Kit 7600-S-INV-3-RJS Series for 5-25/28 kV For Tape Shielded Cables

Kit Number	BIL	Max. Installed Length	Cable Insulation O.D. Range	3.3 kV	5.0 kV
<b>Outdoor installation environment. For cables with or without ground wires. (Each kit makes one Three Core conductor termination.)</b>					
7693-S-4-INV-3-RJS	200 kV	16.0" (406 mm)	0.92"-1.18" (23,4-30,0 mm)	IEC 240-300 mm <sup>2</sup> JIS 200-250 mm <sup>2</sup>	AEIC 500-750 kcmil
7695-S-4-INV-3-RJS	200	16.0" (406 mm)	1.18"-1.52" (30,0-38,6 mm)	JIS 300-325 mm <sup>2</sup>	AEIC 800-1000 kcmil

### 3M™ Cold Shrink QT-III Inverted Outdoor Termination Kit 7600-S-INV-3W Series - 4 Skirt, for 5-25/28 kV For Tape Shielded Cables

Kit Number	BIL	Max. Installed Length	Cable Insulation O.D. Range	3.3 kV	5.0 kV
<b>Outdoor installation environment. For cables without ground wires. (Each kit makes one Three Core conductor termination.)</b>					
7693-S-4-INV-3W	200 kV	16.0" (406 mm)	0.92"-1.18" (23,4-30,0 mm)	IEC 240-300 mm <sup>2</sup> JIS 200-250 mm <sup>2</sup>	AEIC 500-750 kcmil
7695-S-4-INV-3W	200 kV	16.0" (406 mm)	1.18"-1.52" (30,0-38,6 mm)	JIS 300-325 mm <sup>2</sup>	AEIC 800-1000 kcmil

Note: For Wire or UniShield® shielding, please contact 3M for technical assistance.

 **Caution:** Working around energized high-voltage systems may cause serious injury or death. Installation should be performed by personnel familiar with good safety practice in handling high-voltage electrical equipment. De-energize and ground all electrical systems before installing product.

Conductor Size Range 100% Insulation Level							
6.6 kV	8 kV	10 kV	15 kV	20 kV	25/28 kV	30 kV	35 kV
IEC 16-25 mm <sup>2</sup>	AEIC 6-4 AWG	-	-	-	-	-	-
IEC 35-70 mm <sup>2</sup>	AEIC 2-2/0 AWG	IEC 10-50 mm <sup>2</sup>	IEC 16-25 mm <sup>2</sup>	-	-	-	-
IEC 95-150 mm <sup>2</sup> JIS 60-100 mm <sup>2</sup>	AEIC 3/0 AWG-350 kcmil	IEC 70-150 mm <sup>2</sup>	IEC 35-95 mm <sup>2</sup> AEIC 1/0-4/0 AWG	-	-	-	-
IEC 35-70 mm <sup>2</sup>	AEIC 2-2/0 AWG	IEC 10-50 mm <sup>2</sup>	IEC 16-25 mm <sup>2</sup>	-	-	-	-
IEC 95-150 mm <sup>2</sup> JIS 60-100 mm <sup>2</sup>	AEIC 3/0 AWG-350 kcmil	IEC 70-150 mm <sup>2</sup>	IEC 35-95 mm <sup>2</sup> AEIC 1/0-4/0 AWG	IEC 25-70 mm <sup>2</sup>	AEIC 2-1/0 AWG	-	-
IEC 185-300 mm <sup>2</sup> JIS 150-250 mm <sup>2</sup>	AEIC 400-600 kcmil	IEC 185-300 mm <sup>2</sup>	IEC 120-185 mm <sup>2</sup> AEIC 250-450 kcmil	IEC 95-185 mm <sup>2</sup>	AEIC 2/0 AWG-250 kcmil	-	-
JIS 300-325 mm <sup>2</sup>	AEIC 750-1000 kcmil	-	IEC 200-325 mm <sup>2</sup> AEIC 500-750 kcmil	IEC 240-300 mm <sup>2</sup>	AEIC 300-500 kcmil	-	-
JIS 300-325 mm <sup>2</sup>	AEIC 750-1000 kcmil	-	IEC 200-325 mm <sup>2</sup> AEIC 500-750 kcmil	IEC 240-300 mm <sup>2</sup>	AEIC 300-500 kcmil	IEC 95-240 mm <sup>2</sup>	AEIC 4/0 AWG- 500 kcmil

**3M™ Cold Shrink products  
installed and trusted worldwide  
for over 45 years.**

Conductor Size Range 100% Insulation Level					
6.6 kV	8 kV	10 kV	15 kV	20 kV	25/28 kV
IEC 150-250 mm <sup>2</sup> JIS 185-300 mm <sup>2</sup>	AEIC 400-600 kcmil	IEC 185-300 mm <sup>2</sup>	IEC 120-185 mm <sup>2</sup> AEIC 250-450 kcmil	IEC 95-185 mm <sup>2</sup>	AEIC 2/0 AWG-250 kcmil
IEC 300-325 mm <sup>2</sup>	AEIC 750-1000 kcmil	-	IEC 200-325 mm <sup>2</sup> AEIC 500-750 kcmil	IEC 240-300 mm <sup>2</sup>	AEIC 300-500 kcmil

Conductor Size Range 100% Insulation Level					
6.6 kV	8 kV	10 kV	15 kV	20 kV	25/28 kV
IEC 150-250 mm <sup>2</sup> JIS 185-300 mm <sup>2</sup>	AEIC 400-600 kcmil	IEC 185-300 mm <sup>2</sup>	IEC 120-185 mm <sup>2</sup> AEIC 250-450 kcmil	IEC 95-185 mm <sup>2</sup>	AEIC 2/0 AWG-250 kcmil
IEC 300-325 mm <sup>2</sup>	AEIC 750-1000 kcmil	-	IEC 200-325 mm <sup>2</sup> AEIC 500-750 kcmil	IEC 240-300 mm <sup>2</sup>	AEIC 300-500 kcmil



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