

**3M** Science.  
Applied to Life.™

3M Electrical Markets Division

# Reliability. Safety. Efficiency.

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

High-performance medium voltage terminations based on field-proven cold shrink technology, pioneered by 3M.



# INDOOR Single Core Termination Kits



3M™ Cold Shrink QT-III Silicone Rubber Indoor Terminations for use with Compression Lugs

Kit Number	BIL	Cable Insulation O.D. Range Inches (mm)	Conductor Size Range AWG and kcmil (mm <sup>2</sup> )				
			5 kV	8 kV	15 kV	25/28 kV	35 kV*

**Tape Shield, Wire Shield, UniShield® Cable Kits** (Each kit makes three terminations.)

7620-T-95	95 kV	0.32 – 0.59 (8,1 – 15,0)	8 – 4	8 – 6	—	—	—
7621-T-95	95 kV	0.44 – 0.89 (11,2 – 22,6)	2 – 3/0	4 – 2/0	—	—	—
7622-T-95	95 kV	0.64 – 1.08 (16,3 – 27,4)	4/0 – 400	3/0 – 300	—	—	—
7624-T-95	95 kV	0.83 – 1.53 (21,1 – 38,9)	500 – 750	350 – 700	—	—	—
7625-T-95	95 kV	1.05 – 1.80 (26,7 – 45,7)	700 – 1500	600 – 1250	—	—	—
7622-T-110	110 kV	0.64 – 1.08 (16,3 – 27,4)	4/0 – 400	3/0 – 300	2 – 2/0 (35 – 70)	—	—
7623-T-110	110 kV	0.72 – 1.29 (18,3 – 32,8)	300 – 500	250 – 500	2/0 – 300 (70 – 150)	—	—
7624-T-110	110 kV	0.83 – 1.53 (21,1 – 38,9)	500 – 750	350 – 700	4/0 – 500 (120 – 240)	—	—
7625-T-110	110 kV	1.05 – 1.80 (26,7 – 45,7)	700 – 1500	600 – 1250	500 – 1000 (240 – 500)	—	—
7626-T-110	110 kV	1.53 – 2.32 (38,9 – 58,9)	1750 – 2000	1500 – 2000	1250 – 2000 (625 – 1000)	—	—
7693-T-150	150 kV	0.72 – 1.29 (18,3 – 32,8)	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)	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)	1750 – 2000	1500 – 2000	1250 – 2000 (625 – 1000)	900 – 1750 (500 – 800)	700 – 1500 (400 – 725)

**Concentric and Jacketed Concentric Neutral Cable Kits** (Each kit makes one termination.)

7642-T-110	110 kV	0.64 – 1.08 (16,3 – 27,4)	4/0 – 400	3/0 – 300	2 – 2/0 (35 – 70)	—	—
7643-T-110	110kV	0.72 – 1.29 (18,3 – 32,8)	300 – 500	250 – 500	2/0 – 300 (70 – 150)	—	—
7644-T-110	110 kV	0.83 – 1.53 (21,1 – 38,9)	500 – 750	350 – 700	4/0 – 500 (120 – 240)	—	—
7645-T-110	110 kV	1.05 – 1.80 (26,7 – 45,7)	700 – 1500	600 – 1250	500 – 1000 (240 – 500)	—	—
7646-T-110	110 kV	1.53 – 2.32 (38,9 – 58,9)	1750 – 2000	1500 – 2000	1250 – 2000 (625 – 1000)	—	—
7653-T-150	150 kV	0.72 – 1.29 (18,3 – 32,8)	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)	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)	1750 – 2000	1500 – 2000	1250 – 2000 (625 – 1000)	900 – 1750 (500 – 800)	700 – 1500 (400 – 725)

**High Fault Current Cable Kits for Tape Shield, Wire-Over-Tape Shield, Longitudinally Corrugated (LC) Shield Cables** (Each kit makes one termination.)

7642-T-HSG-110	110 kV	0.64 – 1.08 (16,3 – 27,4)	4/0 – 400	3/0 – 300	2 – 2/0 (35 – 70)	—	—
7643-T-HSG-110	110 kV	0.72 – 1.29 (18,3 – 32,8)	300 – 500	250 – 500	2/0 – 300 (70 – 150)	—	—
7644-T-HSG-110	110 kV	0.83 – 1.53 (21,1 – 38,9)	500 – 750	350 – 700	4/0 – 500 (120 – 240)	—	—
7645-T-HSG-110	110 kV	1.05" – 1.80" (26,7 – 45,7)	700 – 1500	600 – 1250	500 – 1000 (240 – 500)	—	—
7646-T-HSG-110	110 kV	1.53 – 2.32 (38,9 – 58,9)	1750 – 2000	1500 – 2000	1250 – 2000 (625 – 1000)	—	—
7653-T-HSG-150	150 kV	0.72 – 1.29 (18,3 – 32,8)	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)	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)	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.



# OUTDOOR

## Single Core Termination Kits



3M™ Cold Shrink QT-III Silicone Rubber Outdoor Terminations for use with Compression Lugs

Kit Number	BIL	Cable Insulation O.D. Range Inches (mm)	Conductor Size Range AWG and kcmil (mm <sup>2</sup> )				
			5 kV	8 kV	15 kV	25/28 kV	35 kV

**Tape Shield, Wire Shield, UniShield® Cable Kits** (Each kit makes three terminations.)

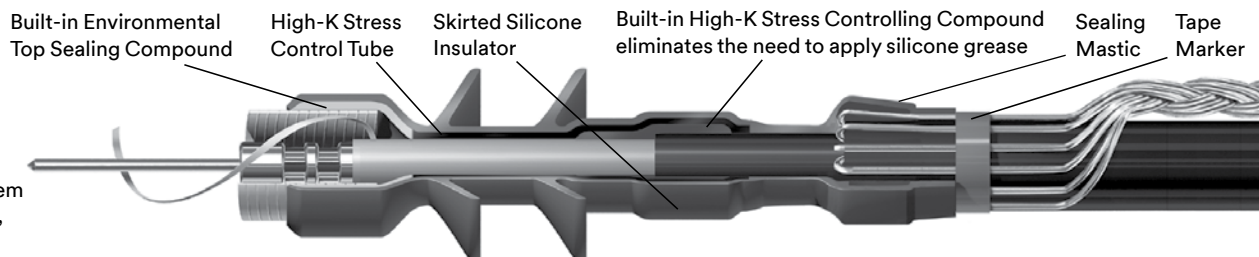
7620-S-2	95 kV	0.32-0.59 (8,1-15,0)	8-4	8-6	—	—	—
7621-S-2	95 kV	0.44-0.89 (11,2-22,6)	2-3/0	4-2/0	—	—	—
7622-S-2	110 kV	0.64-1.08 (16,3-27,4)	4/0-400	3/0-300	2-4/0 (35-120)	—	—
7692-S-4	150 kV	0.64-1.08 (16,3-27,4)	4/0-400	3/0-300	2-4/0 (35-120)	2-1/0 (35-50)	—
7693-S-4	150 kV	0.72-1.29 (18,3-32,8)	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)	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)	700-1500	600-1250	500-1000 (240-500)	250-800 (150-400)	—
7696-S-4	150 kV	1.53-2.32 (38,9-58,9)	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)	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)	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)	700-1500	600-1250	500-1000 (240-500)	250-800 (150-400)	3/0-600 (95-325)
7686-S-8	200 kV	1.53-2.32 (38,9-58,9)	1750-2000	1500-2000	1250-2000 (625-1000)	900-1750 (500-800)	700-1500 (400-725)

**Concentric and Jacketed Concentric Neutral Cable Kits** (Each kit makes one termination.)

7642-S-2	110 kV	0.64-1.08 (16,3-27,4)	4/0-400	3/0-300	2-4/0 (35-120)	—	—
7652-S-4	150 kV	0.64-1.08 (16,3-27,4)	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)	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)	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)	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)	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)	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)	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)	700-1500	600-1250	500-1000 (240-500)	250-800 (150-400)	3/0-600 (95-325)
7666-S-8	200 kV	1.53-2.32 (38,9-58,9)	1750-2000	1500-2000	1250-2000 (625-1000)	900-1750 (500-800)	700-1500 (400-725)

**High Fault Current Cable Kits for Tape Shield, Wire-Over-Tape Shield, Longitudinally Corrugated (LC) Shield Cables** (Each kit makes one termination.)

7652-S-HSG-4	150 kV	0.64-1.08 (16,3-27,4)	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)	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)	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)	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)	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)	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)	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)	700-1500	600-1250	500-1000 (240-500)	250-800 (150-400)	3/0-600 (95-325)
7666-S-HSG-8	200 kV	1.53-2.32 (38,9-58,9)	1750-2000	1500-2000	1250-2000 (625-1000)	900-1750 (500-800)	700-1500 (400-725)



# INVERTED Single Core Termination Kits



3M™ Cold Shrink QT-III Silicone Rubber Inverted Outdoor Terminations for use with Compression Lugs

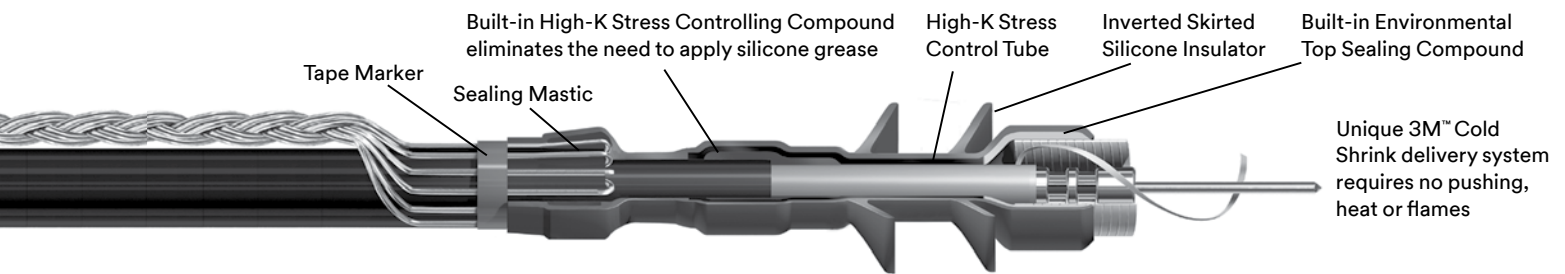
Kit Number	BIL	Cable Insulation O.D. Range Inches (mm)	Conductor Size Range AWG and kcmil (mm <sup>2</sup> )				
			5 kV	8 kV	15 kV	25/28 kV	35 kV

**Inverted Kits for Concentric and Jacketed Concentric Neutral Cable** (Each kit makes one termination.)

<b>7642-S-INV-2</b>	110 kV	0.64 – 1.08 (16,3 – 27,4)	4/0 – 400	3/0 – 300	2 – 4/0 (35 – 120)	—	—
<b>7653-S-INV-4</b>	200 kV	0.72 – 1.29 (18,3 – 32,8)	300 – 500	250 – 500	2/0 – 300 (70 – 150)	2 – 4/0 (35 – 120)	2 – 2/0 (35 – 70)
<b>7655-S-INV-4</b>	200 kV	1.05 – 1.80 (26,7 – 45,7)	700 – 1500	600 – 1250	500 – 1000 (240 – 500)	250 – 800 (150 – 400)	3/0 – 600 (95 – 325)
<b>7656-S-INV-4</b>	200 kV	1.53 – 2.32 (38,9 – 58,9)	1750 – 2000	1500 – 2000	1250 – 2000 (625 – 1000)	900 – 1750 (500 – 800)	700 – 1500 (400 – 725)

**Inverted Kits for Tape Shield, Wire Shield and UniShield® Cables** (Each kit makes three terminations.)

<b>7622-S-INV-2</b>	110 kV	0.64 – 1.08 (16,3 – 27,4)	4/0 – 400	3/0 – 300	2 – 4/0 (35 – 120)	—	—
<b>7693-S-INV-4</b>	150 kV	0.72 – 1.29 (18,3 – 32,8)	300 – 500	250 – 500	2/0 – 300 (70 – 150)	2 – 4/0 (35 – 120)	2 – 2/0 (35 – 70)
<b>7695-S-INV-4</b>	150 kV	1.05 – 1.80 (26,7 – 45,7)	700 – 1500	600 – 1250	350 – 1000 (185 – 500)	250 – 800 (150 – 400)	3/0 – 600 (95 – 325)
<b>7696-S-INV-4</b>	150 kV	1.53 – 2.32 (38,9 – 58,9)	1750 – 2000	1500 – 2000	1250 – 2000 (625 – 1000)	900 – 1750 (500 – 800)	700 – 1500 (400 – 725)



# TOP INSULATOR Single Core Termination Kits

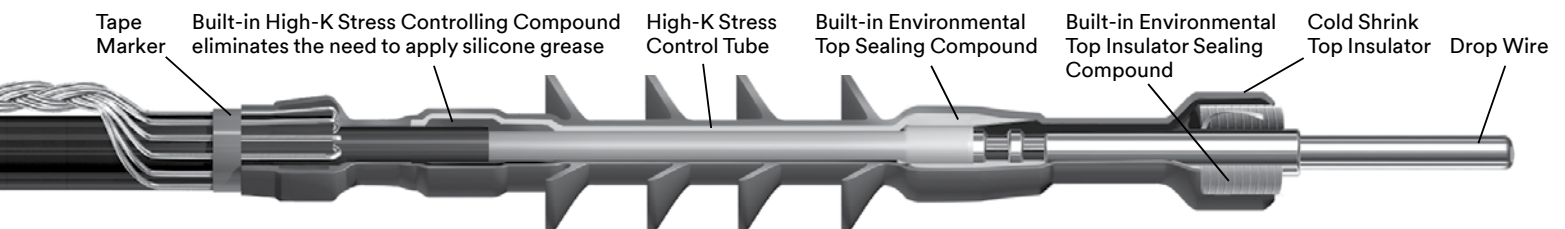


3M™ Cold Shrink QT-III Silicone Rubber Terminations with Top Insulator for use with Compression Lugs

Kit Number	BIL	Cable Insulation O.D. Range Inches (mm)	Connector & Drop Wire O.D. Range Inches (mm)	Conductor Size Range 100% Insulation Level AWG and kcmil (mm <sup>2</sup> )	
				15 kV	25/28 kV

**Top Insulator Kits for Concentric and Jacketed Concentric Neutral Cable** (Each kit makes one termination.)

<b>7642-S-2-TI</b>	110 kV	0.64 – 1.08 (16,3 – 27,4)	0.97 – 1.48 (24,6 – 37,6)	2 – 4/0 (35 – 120)	—
<b>7652-S-4-TI</b>	150 kV	0.64 – 1.08 (16,3 – 27,4)	0.51 – 0.82 (12,9 – 20,8)	2 – 4/0 (35 – 120)	2 – 1/0 (35 – 50)
<b>7653-S-4-TI</b>	150 kV	0.72 – 1.29 (18,3 – 32,8)	0.62 – 1.00 (15,7 – 25,4)	2/0 – 300 (70 – 150)	2 – 4/0 (35 – 120)
<b>7654-S-4-TI</b>	150 kV	0.83 – 1.53 (21,1 – 38,9)	0.66 – 1.18 (16,7 – 30,0)	4/0 – 625 (120 – 240)	2/0 – 250 (70 – 150)
<b>7655-S-4-TI</b>	150 kV	1.05 – 1.80 (26,7 – 45,7)	0.69 – 1.30 (17,5 – 33,0)	500 – 1000 (240 – 500)	250 – 800 (150 – 400)
<b>7656-S-4-TI</b>	150 kV	1.53 – 2.32 (38,9 – 58,9)	1.05 – 1.94 (26,6 – 49,3)	1250 – 2000 (625 – 1000)	900 – 1750 (500 – 800)





# INDOOR

## Single Core Termination Kits

3M™ Cold Shrink QT-III Silicone Rubber Indoor Terminations for use with Shearbolt Lugs

Kit Number	BIL	Cable Insulation O.D. Range Inches (mm)	Conductor Size Range AWG and kcmil			3M™ Shearbolt Lug Part Number
			15 kV	25/28 kV	35 kV	
<b>Tape Shield, Wire Shield, UniShield® Cable Kits (Each kit makes three terminations.)</b>						
7622-T-110 (L)	110 kV	0.69 – 1.22 (17,5 – 31,0)	1/0 – 4/0	NA	NA	QL2-A-2-250
7623-T-110	110 kV	0.72 – 1.29 (18,3 – 32,8)	2/0 – 250	NA	NA	QL2-A-2-250
7624-T-110	110 kV	0.83 – 1.53 (21,1 – 38,9)	4/0 – 350	NA	NA	QL2-A-1/0-350
7625-T-110	110 kV	1.05 – 1.80 (26,7 – 45,7)	500	NA	NA	QL2-A-4/0-600
7625-T-110	110 kV	1.05 – 1.80 (26,7 – 45,7)	500 – 750	NA	NA	QL2-A-350-750
7625-T-110 (L)	110 kV	1.15 – 1.98 (29,2 – 50,3)	750 – 1000	NA	NA	QL2-A-500-1000
7626-T-110	110 kV	1.53 – 2.32 (38,9 – 58,9)	1250	NA	NA	QL2-A-1000-1250
7693-T-150	150 kV	0.72 – 1.29 (18,3 – 32,8)	2/0 – 250	2 – 4/0	1/0 – 2/0	QL2-A-2-250
7695-T-150	150 kV	1.05 – 1.80 (26,7 – 45,7)	500	250 – 500	4/0 – 600	QL2-A-4/0-600
7695-T-150	150 kV	1.05 – 1.80 (26,7 – 45,7)	500 – 750	350 – 750	350 – 500	QL2-A-350-750
7695-T-150 (L)	150 kV	1.15 – 1.90 (29,2 – 48,3)	750 – 1000	500 – 750	NA	QL2-A-500-1000
7696-T-150	150 kV	1.53 – 2.32 (38,9 – 58,9)	NA	NA	750	QL2-A-350-750
7696-T-150	150 kV	1.53 – 2.32 (38,9 – 58,9)	NA	NA	750 – 1000	QL2-A-500-1000
7696-T-150	150 kV	1.53 – 2.32 (38,9 – 58,9)	1250	1000 – 1250	1000 – 1250	QL2-A-1000-1250
<b>Concentric and Jacketed Concentric Neutral Cable Kits (Each kit makes one termination.)</b>						
7642-T-110 (L)	110 kV	0.69 – 1.22 (17,5 – 31,0)	1/0 – 4/0	NA	NA	QL2-A-2-250
7643-T-110	110 kV	0.72 – 1.29 (18,3 – 32,8)	2/0 – 250	NA	NA	QL2-A-2-250
7644-T-110	110 kV	0.83 – 1.53 (21,1 – 38,9)	4/0 – 350	NA	NA	QL2-A-1/0-350
7645-T-110	110 kV	1.05 – 1.80 (26,7 – 45,7)	500	NA	NA	QL2-A-4/0-600
7645-T-110	110 kV	1.05 – 1.80 (26,7 – 45,7)	500 – 750	NA	NA	QL2-A-350-750
7645-T-110 (L)	110 kV	1.15 – 1.98 (29,2 – 50,3)	750 – 1000	NA	NA	QL2-A-500-1000
7646-T-110	110 kV	1.53 – 2.32 (38,9 – 58,9)	1250	NA	NA	QL2-A-1000-1250
7653-T-150	150 kV	0.72 – 1.29 (18,3 – 32,8)	2/0 – 250	2 – 4/0	1/0 – 2/0	QL2-A-2-250
7655-T-150	150 kV	1.05 – 1.80 (26,7 – 45,7)	500	250 – 500	4/0 – 600	QL2-A-4/0-600
7655-T-150	150 kV	1.05 – 1.80 (26,7 – 45,7)	500 – 750	350 – 750	350 – 500	QL2-A-350-750
7655-T-150 (L)	150 kV	1.15 – 1.90 (29,2 – 48,3)	750 – 1000	500 – 750	NA	QL2-A-500-1000
7656-T-150	150 kV	1.53 – 2.32 (38,9 – 58,9)	NA	NA	750	QL2-A-350-750
7656-T-150	150 kV	1.53 – 2.32 (38,9 – 58,9)	NA	NA	750 – 1000	QL2-A-500-1000
7656-T-150	150 kV	1.53 – 2.32 (38,9 – 58,9)	1250	1000 – 1250	1000 – 1250	QL2-A-1000-1250
<b>High Fault Current Cable Kits for Tape Shield, Wire-Over-Tape Shield, Longitudinally Corrugated (LC) Shield Cables (Each kit makes one termination.)</b>						
7642-T-HSG-110 (L)	110 kV	0.69 – 1.22 (17,5 – 31,0)	1/0 – 4/0	NA	NA	QL2-A-2-250
7643-T-HSG-110	110 kV	0.72 – 1.29 (18,3 – 32,8)	2/0 – 250	NA	NA	QL2-A-2-250
7644-T-HSG-110	110 kV	0.83 – 1.53 (21,1 – 38,9)	4/0 – 350	NA	NA	QL2-A-1/0-350
7645-T-HSG-110	110 kV	1.05 – 1.80 (26,7 – 45,7)	500	NA	NA	QL2-A-4/0-600
7645-T-HSG-110	110 kV	1.05 – 1.80 (26,7 – 45,7)	500 – 750	NA	NA	QL2-A-350-750
7645-T-HSG-110 (L)	110 kV	1.15 – 1.98 (29,2 – 50,3)	750 – 1000	NA	NA	QL2-A-500-1000
7646-T-HSG-110	110 kV	1.53 – 2.32 (38,9 – 58,9)	1250	NA	NA	QL2-A-1000-1250
7653-T-HSG-150	150 kV	0.72 – 1.29 (18,3 – 32,8)	2/0 – 250	2 – 4/0	1/0 – 2/0	QL2-A-2-250
7655-T-HSG-150	150 kV	1.05 – 1.80 (26,7 – 45,7)	500	250 – 500	4/0 – 600	QL2-A-4/0-600
7655-T-HSG-150	150 kV	1.05 – 1.80 (26,7 – 45,7)	500 – 750	350 – 750	350 – 500	QL2-A-350-750
7655-T-HSG-150 (L)	150 kV	1.15 – 1.90 (29,2 – 48,3)	750 – 1000	500 – 750	NA	QL2-A-500-1000
7656-T-HSG-150	150 kV	1.53 – 2.32 (38,9 – 58,9)	NA	NA	750	QL2-A-350-750
7656-T-HSG-150	150 kV	1.53 – 2.32 (38,9 – 58,9)	NA	NA	750 – 1000	QL2-A-500-1000
7656-T-HSG-150	150 kV	1.53 – 2.32 (38,9 – 58,9)	1250	1000 – 1250	1000 – 1250	QL2-A-1000-1250

# OUTDOOR Single Core Termination Kits



3M™ Cold Shrink QT-III Silicone Rubber Outdoor Terminations for use with Shearbolt Lugs

Kit Number	BIL	Cable Insulation O.D. Range Inches (mm)	Conductor Size Range AWG and kcmil			3M™ Shearbolt Lug Part Number
			15 kV	25/28 kV	35 kV	

**Tape Shield, Wire Shield, UniShield® Cable Kits (Each kit makes three terminations.)**

7622-S-2 (L)	110 kV	0.69 – 1.22 (17,5 – 31,0)	1/0 – 4/0	NA	NA	QL2-A-2-250
7692-S-4 (L)	150 kV	0.69 – 1.22 (17,5 – 31,0)	1/0 – 4/0	NA	NA	QL2-A-2-250
7693-S-4	150 kV	0.72 – 1.29 (18,3 – 32,8)	2/0 – 250	2 – 4/0	NA	QL2-A-2-250
7694-S-4	150 kV	0.83 – 1.53 (21,1 – 38,9)	NA	2/0 – 250	NA	QL2-A-2-250
7694-S-4	150 kV	0.83 – 1.53 (21,1 – 38,9)	4/0 – 350	2/0 – 250	NA	QL2-A-1/0-350
7694-S-4	150 kV	0.83 – 1.53 (21,1 – 38,9)	NA	4/0 – 250	NA	QL2-A-4/0-600
7695-S-4	150 kV	1.05 – 1.80 (26,7 – 45,7)	500	250 – 500	NA	QL2-A-4/0-600
7695-S-4	150 kV	1.05 – 1.80 (26,7 – 45,7)	500 – 750	350 – 750	NA	QL2-A-350-750
7695-S-4 (L)	150 kV	1.15 – 1.98 (29,2 – 50,3)	750 – 1000	500 – 750	NA	QL2-A-500-1000
7696-S-4	150 kV	1.53 – 2.32 (38,9 – 58,9)	1250	1000 – 1250	NA	QL2-A-1000-1250
7683-S-8	200 kV	0.72 – 1.29 (18,3 – 32,8)	2/0 – 250	2 – 4/0	1/0 – 2/0	QL2-A-2-250
7684-S-8	200 kV	0.83 – 1.53 (21,1 – 38,9)	NA	2/0 – 250	NA	QL2-A-2-250
7684-S-8	200 kV	0.83 – 1.53 (21,1 – 38,9)	4/0 – 350	2/0 – 250	1/0 – 4/0	QL2-A-1/0-350
7684-S-8	200 kV	0.83 – 1.53 (21,1 – 38,9)	NA	4/0 – 250	NA	QL2-A-4/0-600
7685-S-8	200 kV	1.05 – 1.80 (26,7 – 45,7)	500	250 – 500	4/0 – 600	QL2-A-4/0-600
7685-S-8	200 kV	1.05 – 1.80 (26,7 – 45,7)	500 – 750	350 – 750	350 – 500	QL2-A-350-750
7685-S-8 (L)	200 kV	1.15 – 1.98 (29,2 – 50,3)	750 – 1000	500 – 750	NA	QL2-A-500-1000
7686-S-8	200 kV	1.53 – 2.32 (38,9 – 58,9)	NA	NA	750	QL2-A-350-750
7686-S-8	200 kV	1.53 – 2.32 (38,9 – 58,9)	NA	NA	750 – 1000	QL2-A-500-1000
7686-S-8	200 kV	1.53 – 2.32 (38,9 – 58,9)	1250	1000 – 1250	1000 – 1250	QL2-A-1000-1250

**Concentric and Jacketed Concentric Neutral Cable Kits (Each kit makes one termination.)**

7642-S-2 (L)	110 kV	0.69 – 1.22 (17,5 – 31,0)	1/0 – 4/0	NA	NA	QL2-A-2-250
7652-S-4 (L)	150 kV	0.69 – 1.22 (17,5 – 31,0)	1/0 – 4/0	NA	NA	QL2-A-2-250
7653-S-4	150 kV	0.72 – 1.29 (18,3 – 32,8)	2/0 – 250	2 – 4/0	NA	QL2-A-2-250
7654-S-4	150 kV	0.83 – 1.53 (21,1 – 38,9)	NA	2/0 – 250	NA	QL2-A-2-250
7654-S-4	150 kV	0.83 – 1.53 (21,1 – 38,9)	4/0 – 350	2/0 – 250	NA	QL2-A-1/0-350
7654-S-4	150 kV	0.83 – 1.53 (21,1 – 38,9)	NA	4/0 – 250	NA	QL2-A-4/0-600
7655-S-4	150 kV	1.05 – 1.80 (26,7 – 45,7)	500	250 – 500	NA	QL2-A-4/0-600
7655-S-4	150 kV	1.05 – 1.80 (26,7 – 45,7)	500 – 750	350 – 750	NA	QL2-A-350-750
7655-S-4 (L)	150 kV	1.15 – 1.98 (29,2 – 50,3)	750 – 1000	500 – 750	NA	QL2-A-500-1000
7656-S-4	150 kV	1.53 – 2.32 (38,9 – 58,9)	1250	1000 – 1250	NA	QL2-A-1000-1250
7663-S-8	200 kV	0.72 – 1.29 (18,3 – 32,8)	2/0 – 250	2 – 4/0	1/0 – 2/0	QL2-A-2-250
7664-S-8	200 kV	0.83 – 1.53 (21,1 – 38,9)	NA	2/0 – 250	NA	QL2-A-2-250
7664-S-8	200 kV	0.83 – 1.53 (21,1 – 38,9)	4/0 – 350	2/0 – 250	1/0 – 4/0	QL2-A-1/0-350
7664-S-8	200 kV	0.83 – 1.53 (21,1 – 38,9)	NA	4/0 – 250	NA	QL2-A-4/0-600
7665-S-8	200 kV	1.05 – 1.80 (26,7 – 45,7)	500	250 – 500	4/0 – 600	QL2-A-4/0-600
7665-S-8	200 kV	1.05 – 1.80 (26,7 – 45,7)	500 – 750	350 – 750	350 – 500	QL2-A-350-750
7665-S-8 (L)	200 kV	1.15 – 1.98 (29,2 – 50,3)	750 – 1000	500 – 750	NA	QL2-A-500-1000
7666-S-8	200 kV	1.53 – 2.32 (38,9 – 58,9)	NA	NA	750	QL2-A-350-750
7666-S-8	200 kV	1.53 – 2.32 (38,9 – 58,9)	NA	NA	750 – 1000	QL2-A-500-1000
7666-S-8	200 kV	1.53 – 2.32 (38,9 – 58,9)	1250	1000 – 1250	1000 – 1250	QL2-A-1000-1250

**High Fault Current Cable Kits For Tape Shield, Wire-Over-Tape Shield, Longitudinally Corrugated (LC) Shield Cables (Each kit makes one termination.)**

7652-S-HSG-4 (L)	150 kV	0.69 – 1.22 (17,5 – 31,0)	1/0 – 4/0	NA	NA	QL2-A-2-250
7653-S-HSG-4	150 kV	0.72 – 1.29 (18,3 – 32,8)	2/0 – 250	2 – 4/0	NA	QL2-A-2-250
7654-S-HSG-4	150 kV	0.83 – 1.53 (21,1 – 38,9)	NA	2/0 – 250	NA	QL2-A-2-250
7654-S-HSG-4	150 kV	0.83 – 1.53 (21,1 – 38,9)	4/0 – 350	2/0 – 250	NA	QL2-A-1/0-350
7654-S-HSG-4	150 kV	0.83 – 1.53 (21,1 – 38,9)	NA	4/0 – 250	NA	QL2-A-4/0-600
7655-S-HSG-4	150 kV	1.05 – 1.80 (26,7 – 45,7)	500	250 – 500	NA	QL2-A-4/0-600
7655-S-HSG-4	150 kV	1.05 – 1.80 (26,7 – 45,7)	500 – 750	350 – 750	NA	QL2-A-350-750
7655-S-HSG-4 (L)	150 kV	1.15 – 1.98 (29,2 – 50,3)	750 – 1000	500 – 750	NA	QL2-A-500-1000
7656-S-HSG-4	150 kV	1.53 – 2.32 (38,9 – 58,9)	1250	1000 – 1250	NA	QL2-A-1000-1250
7663-S-HSG-8	200 kV	0.72 – 1.29 (18,3 – 32,8)	2/0 – 250	2 – 4/0	1/0 – 2/0	QL2-A-2-250
7664-S-HSG-8	200 kV	0.83 – 1.53 (21,1 – 38,9)	NA	2/0 – 250	NA	QL2-A-2-250
7664-S-HSG-8	200 kV	0.83 – 1.53 (21,1 – 38,9)	4/0 – 350	2/0 – 250	1/0 – 4/0	QL2-A-1/0-350
7664-S-HSG-8	200 kV	0.83 – 1.53 (21,1 – 38,9)	NA	4/0 – 250	NA	QL2-A-4/0-600
7665-S-HSG-8	200 kV	1.05 – 1.80 (26,7 – 45,7)	500	250 – 500	4/0 – 600	QL2-A-4/0-600
7665-S-HSG-8	200 kV	1.05 – 1.80 (26,7 – 45,7)	500 – 750	350 – 750	350 – 500	QL2-A-350-750
7665-S-HSG-8 (L)	200 kV	1.15 – 1.98 (29,2 – 50,3)	750 – 1000	500 – 750	NA	QL2-A-500-1000
7666-S-HSG-8	200 kV	1.53 – 2.32 (38,9 – 58,9)	NA	NA	750	QL2-A-350-750
7666-S-HSG-8	200 kV	1.53 – 2.32 (38,9 – 58,9)	NA	NA	750 – 1000	QL2-A-500-1000
7666-S-HSG-8	200 kV	1.53 – 2.32 (38,9 – 58,9)	1250	1000 – 1250	1000 – 1250	QL2-A-1000-1250



# INVERTED

## Single Core Termination Kits

Cold Shrink QT-III Silicone Rubber Inverted Terminations for use with Shearbolt Lugs

Kit Number	BIL	Cable Insulation O.D. Range Inches (mm)	Conductor Size Range AWG and kcmil			3M™ Shearbolt Lug Part Number
			15 kV	25/28 kV	35 kV	
<b>Inverted Kits for Concentric and Jacketed Concentric Neutral Cable (Each kit makes one termination.)</b>						
7642-S-INV-2 (L)	110 kV	0.69 – 1.22 (17,5 – 31,0)	1/0 – 4/0	NA	NA	QL2-A-2-250
7653-S-INV-4	200 kV	0.72 – 1.22 (18,3 – 32,8)	2/0 – 250	2 – 4/0	1/0 – 2/0	QL2-A-2-250
7655-S-INV-4	200 kV	1.05 – 1.80 (26,7 – 45,7)	500	250 – 500	4/0 – 600	QL2-A-4/0-600
7655-S-INV-4	200 kV	1.05 – 1.80 (26,7 – 45,7)	500 – 750	350 – 750	350 – 500	QL2-A-350-750
7655-S-INV-4 (L)	200 kV	1.15 – 1.90 (29,2 – 48,3)	750 – 1000	500 – 750	NA	QL2-A-500-1000
7656-S-INV-4	200 kV	1.53 – 2.32 (38,9 – 58,9)	NA	NA	750	QL2-A-350-750
7656-S-INV-4	200 kV	1.53 – 2.32 (38,9 – 58,9)	NA	NA	750 – 1000	QL2-A-500-1000
7656-S-INV-4	200 kV	1.53 – 2.32 (38,9 – 58,9)	1250	1000 – 1250	1000 – 1250	QL2-A-1000-1250
<b>Inverted Kits for Tape Shield, Wire Shield and UniShield® Cables (Each kit makes one termination.)</b>						
7622-S-INV-2 (L)	110 kV	0.69 – 1.22 (17,5 – 31,0)	1/0 – 4/0	NA	NA	QL2-A-2-250
7693-S-INV-4	200 kV	0.72 – 1.29 (18,3 – 32,8)	2/0 – 250	2 – 4/0	1/0 – 2/0	QL2-A-2-250
7695-S-INV-4	200 kV	1.05 – 1.80 (26,7 – 45,7)	500	250 – 500	4/0 – 600	QL2-A-4/0-600
7695-S-INV-4	200 kV	1.05 – 1.80 (26,7 – 45,7)	500 – 750	350 – 750	350 – 500	QL2-A-350-750
7695-S-INV-4 (L)	200 kV	1.15 – 1.90 (29,2 – 48,3)	750 – 1000	500 – 750	NA	QL2-A-500-1000
7696-S-INV-4	200 kV	1.53 – 2.32 (38,9 – 58,9)	NA	NA	750	QL2-A-350-750
7696-S-INV-4	200 kV	1.53 – 2.32 (38,9 – 58,9)	NA	NA	750 – 1000	QL2-A-500-1000
7696-S-INV-4	200 kV	1.53 – 2.32 (38,9 – 58,9)	1250	1000 – 1250	1000 – 1250	QL2-A-1000-1250

# TOP INSULATOR

## Single Core Termination Kits

3M™ Cold Shrink QT-III Silicone Rubber Terminations with Top Insulator for use with Shearbolt Lugs

Kit Number	BIL	Cable Insulation O.D. Range Inches (mm)	Conductor Size Range AWG and kcmil			3M™ Shearbolt Lug Part Number
			15 kV	25/28 kV	35 kV	
<b>Top Insulator Kits for Concentric and Jacketed Concentric Neutral Cable Kits (Each kit makes one termination.)</b>						
7642-S-2-TI (L)	110 kV	0.69 – 1.22 (17,5 – 31,0)	1/0 – 4/0	NA	NA	QL2-A-2-250
7652-S-4-TI (L)	150 kV	0.69 – 1.22 (17,5 – 31,0)	1/0 – 4/0	NA	NA	QL2-A-2-250
7653-S-4-TI	150 kV	0.72 – 1.29 (18,3 – 32,8)	2/0 – 250	2 – 4/0	NA	QL2-A-2-250
7654-S-4-TI	150 kV	0.83 – 1.53 (21,1 – 38,9)	NA	2/0 – 250	NA	QL2-A-2-250
7654-S-4-TI	150 kV	0.83 – 1.53 (21,1 – 38,9)	4/0 – 350	2/0 – 250	NA	QL2-A-1/0-350
7654-S-4-TI	150 kV	0.83 – 1.53 (21,1 – 38,9)	NA	4/0 – 250	NA	QL2-A-4/0-600
7655-S-4-TI	150 kV	1.05 – 1.80 (26,7 – 45,7)	500	250 – 500	NA	QL2-A-4/0-600
7655-S-4-TI	150 kV	1.05 – 1.80 (26,7 – 45,7)	500 – 750	350 – 750	NA	QL2-A-350-750
7655-S-4-TI (L)	150 kV	1.15 – 1.98 (29,2 – 50,3)	750 – 1000	500 – 750	NA	QL2-A-500-1000
7656-S-4-TI	150 kV	1.53 – 2.32 (38,9 – 58,9)	1250	1000 – 1250	NA	QL2-A-1000-1250

# Three Core Termination Kits

Kit Series	Insulator Configuration	Installation Environment	For Cable Type(s) with or without Ground Wires	Page Number
7600-T-3-RJS	Tubular	Indoor: Cabinet Mount (No Breakout Boot)	With or without ground wires	12
7600-T-3G	Tubular	Indoor	With ground wires	16
7600-T-3W	Tubular	Indoor	Without ground wires	18
7600-S-3-RJS	Skirted	Indoor-Cabinet Mount (No Breakout Boot)	With or without ground wires	20
7600-S-3G	Skirted	Outdoor	With ground wires	14
7600-S-3W	Skirted	Outdoor	Without ground wires	20
7600-S-INV-3-RJS	Inverted/Skirted	Outdoor: Cabinet Mount (No Breakout Boot)	With or without ground wires	22
7600-S-INV-3G	Inverted/Skirted	Outdoor	With ground wires	22
7600-S-INV-3W	Inverted/Skirted	Outdoor	Without ground wires	22

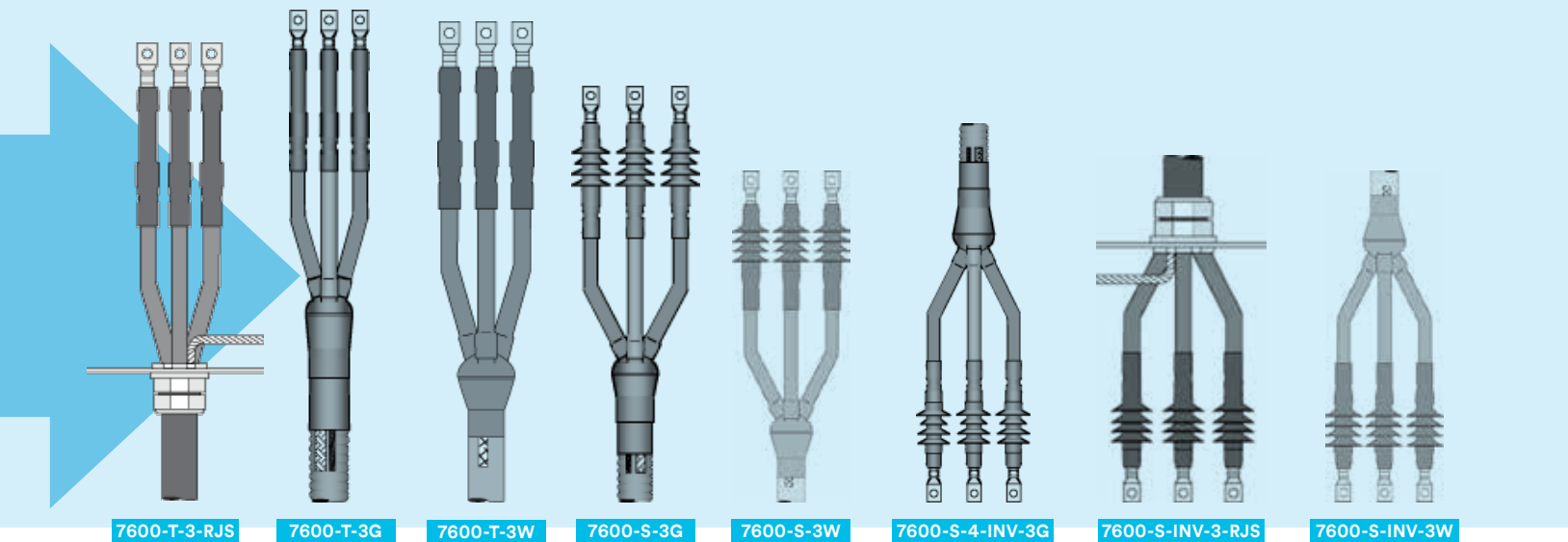
## INDOOR Three Core Termination Kits

3M™ Cold Shrink QT-III Indoor Termination Kit 7600-T-3-RJS Series  
for 5-35 kV Tape Shield (Armored or Unarmored), Wire Shield\*, UniShield®\* Cables

Kit Number	BIL	Max. Installed Length Inches (mm)	Cable Insulation O.D. Range Inches (mm)	3.3 kV	5.0 kV	6.6 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)	0.33 – 0.50 (8,4 – 12,7)	IEC 16 – 35 mm <sup>2</sup> JIS 8 – 22 mm <sup>2</sup>	AEIC 8 – 2 AWG	IEC 16 – 25 mm <sup>2</sup>
7621-T-95-3-RJS	95 kV	8.5 (216)	0.50 – 0.70 (12,7 – 17,8)	IEC 50 – 95 mm <sup>2</sup> JIS 38 – 60 mm <sup>2</sup>	AEIC 1 – 3/0 AWG	IEC 35 – 70 mm <sup>2</sup>
7623-T-95-3-RJS	95 kV	8.5 (216)	0.70 – 0.92 (17,8 – 23,4)	IEC 120 – 185 mm <sup>2</sup> JIS 100 – 150 mm <sup>2</sup>	AEIC 4/0 AWG – 400 kcmil	IEC 95 – 150 mm <sup>2</sup>
7624-T-95-3-RJS	95 kV	8.5 (216)	0.92 – 1.18 (23,4 – 30,0)	IEC 240 – 300 mm <sup>2</sup> JIS 200 – 250 mm <sup>2</sup>	AEIC 500 – 750 kcmil	IEC 185 – 300 mm <sup>2</sup>
7625-T-95-3-RJS	95 kV	8.5 (216)	1.18 – 1.52 (30,0 – 38,6)	–	AEIC 700 – 1000 kcmil	–
7621-T-110-3-RJS	110 kV	12.0 (305)	0.50 – 0.70 (12,7 – 17,8)	IEC 50 – 95 mm <sup>2</sup> JIS 38 – 60 mm <sup>2</sup>	AEIC 1 – 3/0 AWG	IEC 35 – 70 mm <sup>2</sup> JIS 14 – 38 mm <sup>2</sup>
7622-T-110-3-RJS	110 kV	12.0 (305)	0.70 – 0.92 (17,8 – 23,4)	IEC 120 – 185 mm <sup>2</sup> JIS 100 – 150 mm <sup>2</sup>	AEIC 4/0 AWG – 400 kcmil	IEC 95 – 150 mm <sup>2</sup> JIS 60 – 100 mm <sup>2</sup>
7624-T-110-3-RJS	110 kV	12.0 (305)	0.92 – 1.18 (23,4 – 30,0)	IEC 240 – 300 mm <sup>2</sup> JIS 200 – 250 mm <sup>2</sup>	AEIC 500 – 750 kcmil	IEC 185 – 300 mm <sup>2</sup> JIS 150 – 250 mm <sup>2</sup>
7625-T-110-3-RJS	110 kV	12.0 (305)	1.18 – 1.52 (30,0 – 38,6)	JIS 300 – 325 mm <sup>2</sup>	AEIC 800 – 1000 kcmil	JIS 300 – 325 mm <sup>2</sup>
7622-T-125-3-RJS	125 kV	10.5 (267)	0.70 – 0.92 (17,8 – 23,4)	IEC 120 – 185 mm <sup>2</sup> JIS 100 – 150 mm <sup>2</sup>	AEIC 4/0 AWG – 400 kcmil	IEC 95 – 150 mm <sup>2</sup> JIS 60 – 100 mm <sup>2</sup>
7624-T-125-3-RJS	125 kV	10.5 (267)	0.92 – 1.18 (23,4 – 30,0)	IEC 240 – 300 mm <sup>2</sup> JIS 200 – 250 mm <sup>2</sup>	AEIC 500 – 750 kcmil	IEC 185 – 300 mm <sup>2</sup> JIS 150 – 250 mm <sup>2</sup>
7625-T-125-3-RJS	125 kV	10.5 (267)	1.18 – 1.52 (30,0 – 38,6)	JIS 300 – 325 mm <sup>2</sup>	AEIC 800 – 1000 kcmil	JIS 300 – 325 mm <sup>2</sup>
7693-T-150-3-RJS	150 kV	16.0 (406)	0.70 – 0.92 (17,8 – 23,4)	IEC 120 – 185 mm <sup>2</sup> JIS 100 – 150 mm <sup>2</sup>	AEIC 4/0 AWG – 400 kcmil	IEC 95 – 150 mm <sup>2</sup> JIS 60 – 100 mm <sup>2</sup>
7694-T-150-3-RJS	150 kV	16.0 (406)	0.92 – 1.18 (23,4 – 30,0)	IEC 240 – 300 mm <sup>2</sup> JIS 200 – 250 mm <sup>2</sup>	AEIC 500 – 750 kcmil	IEC 185 – 300 mm <sup>2</sup> JIS 150 – 250 mm <sup>2</sup>
7695-T-150-3-RJS	150 kV	16.0 (406)	1.18 – 1.52 (30,0 – 38,6)	JIS 300 – 325 mm <sup>2</sup>	AEIC 800 – 1000 kcmil	JIS 300 – 325 mm <sup>2</sup>
7696-T-150-3-RJS	150 kV	16.0 (406)	1.53 – 1.81 (38,4 – 46,0)	–	–	–

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





Conductor Size Range 100% Insulation Level					
8 kV	10 kV	15 kV	20 kV	25/28 kV	35 kV
AEIC 6 – 4 AWG	–	–	–	–	–
AEIC 2 – 2/0 AWG	IEC 10 – 50 mm <sup>2</sup>	IEC 16 – 25 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 400 – 600 kcmil	IEC 185 – 300 mm <sup>2</sup>	IEC 120 – 185 mm <sup>2</sup>	–	–	–
AEIC 700 – 1000 kcmil	–	–	–	–	–
AEIC 2 – 2/0 AWG	IEC 10 – 50 mm <sup>2</sup>	IEC 16 – 25 mm <sup>2</sup> AEIC 2 – 1 AWG	–	–	–
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	–	–	–
AEIC 400 – 600 kcmil	IEC 185 – 300 mm <sup>2</sup>	IEC 120 – 185 mm <sup>2</sup> AEIC 250 – 450 kcmil	–	–	–
AEIC 750 – 1000 kcmil	–	IEC 200 – 325 mm <sup>2</sup> AEIC 500 – 750 kcmil	–	–	–
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 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 750 – 1000 kcmil	–	IEC 200 – 325 mm <sup>2</sup> AEIC 500 – 750 kcmil	IEC 240 – 300 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	–
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
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

# OUTDOOR

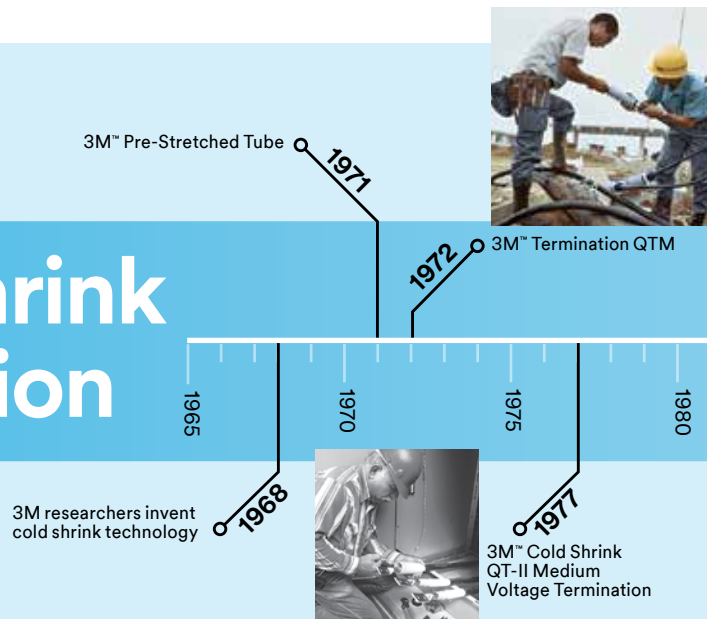
## Three Core Termination Kits

3M™ Cold Shrink QT-III Termination Kit 7600-S-3-RJS Series for 5-35 kV Tape Shield (Armored or Unarmored), Wire Shield\*, UniShield®\* Cables

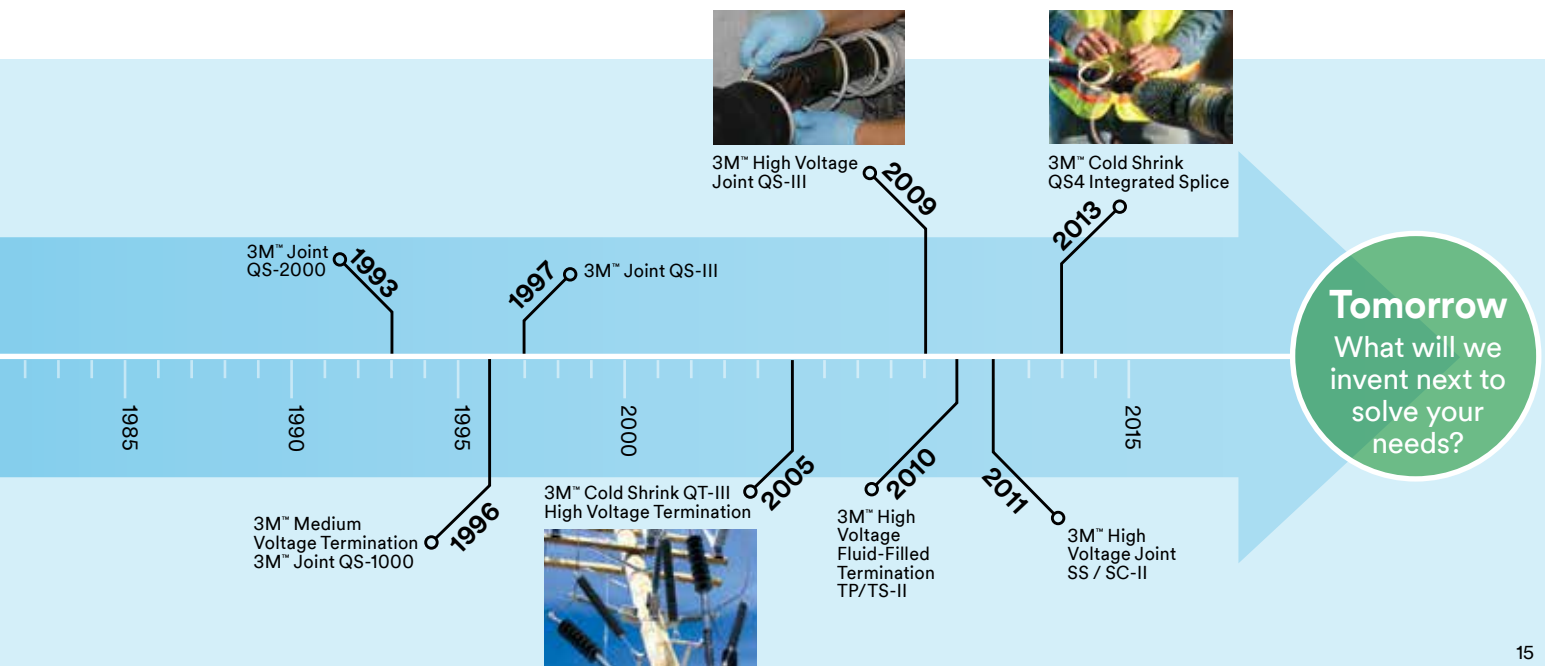
Kit Number	Skirts	BIL	Max. Installed Length Inches (mm)	Cable Insulation O.D. Range Inches (mm)	3.3 kV	5.0 kV	6.6 kV
<b>Outdoor installation environment. For cables with or without ground wires. (Each kit makes one Three Core conductor termination.)</b>							
7620-S-2-3-RJS	2	95 kV	10.5 (267)	0.33–0.50 (8,4–12,7)	IEC 16–35 mm <sup>2</sup> JIS 8–22 mm <sup>2</sup>	AEIC 8–2 AWG	IEC 16–25 mm <sup>2</sup>
7621-S-2-3-RJS	2	95 kV	10.5 (267)	0.50–0.70 (12,7–17,8)	IEC 50–95 mm <sup>2</sup> JIS 38–60 mm <sup>2</sup>	AEIC 1–3/0 AWG	IEC 35–70 mm <sup>2</sup>
7622-S-2-3-RJS	2	110 kV	9.8 (249)	0.70–0.92 (17,8–23,4)	IEC 120–185 mm <sup>2</sup> JIS 100–150 mm <sup>2</sup>	AEIC 4/0 AWG–400 kcmil	IEC 95–150 mm <sup>2</sup> JIS 60–100 mm <sup>2</sup>
7691-S-4-3-RJS	4	150 kV	12.25 (311)	0.50–0.70 (12,7–17,8)	IEC 50–95 mm <sup>2</sup> JIS 38–60 mm <sup>2</sup>	AEIC 1-3/0 AWG	IEC 35–70 mm <sup>2</sup>
7692-S-4-3-RJS	4	150 kV	12.25 (311)	0.70–0.92 (17,8–23,4)	IEC 120–185 mm <sup>2</sup> JIS 100–150 mm <sup>2</sup>	AEIC 4/0 AWG–400 kcmil	IEC 95–150 mm <sup>2</sup> JIS 60–100 mm <sup>2</sup>
7693-S-4-3-RJS	4	150 kV	12.25 (311)	0.92–1.18 (23,4–30,0)	IEC 240–300 mm <sup>2</sup> JIS 200–250 mm <sup>2</sup>	AEIC 500–750 kcmil	IEC 185–300 mm <sup>2</sup> JIS 150–250 mm <sup>2</sup>
7695-S-4-3-RJS	4	150 kV	12.25 (311)	1.18–1.52 (30,0–38,6)	JIS 300–325 mm <sup>2</sup>	AEIC 800–1000 kcmil	JIS 300–325 mm <sup>2</sup>
7684-S-8-3-RJS	8	200 kV	20.5 (521)	0.92–1.18 (23,4–30,0)	IEC 240–300 mm <sup>2</sup> JIS 200–250 mm <sup>2</sup>	AEIC 500–750 kcmil	IEC 185–300 mm <sup>2</sup> JIS 150–250 mm <sup>2</sup>
7685-S-8-3-RJS	8	200 kV	20.5 (521)	1.18–1.52 (30,0–38,6)	JIS 300–325 mm <sup>2</sup>	AEIC 800–1000 kcmil	JIS 300–325 mm <sup>2</sup>
7686-S-8-3-RJS	8	200 kV	21.5 (546)	1.53–1.81 (38,8–46,0)	–	–	–

\*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						
8 kV	10 kV	15 kV	20 kV	25/28 kV	30 kV	35 kV
AEIC 6-4 AWG	-	-	-	-	-	-
AEIC 2-2/0 AWG	IEC 10-50 mm <sup>2</sup>	IEC 16-25 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	-	-	-	-
AEIC 2-2/0 AWG	IEC 10-50 mm <sup>2</sup>	IEC 16-25 mm <sup>2</sup> AEIC 2-1 AWG	-	-	-	-
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	-	-
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 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 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
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



**Tomorrow**  
What will we invent next to solve your needs?

# INDOOR

## Three Core Termination Kits

3M™ Cold Shrink QT-III Indoor Termination Kit 7600-T-3G Series  
for 5-35 kV Tape Shield (Armored or Unarmored), Wire Shield\*, UniShield®\* Cables

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

\*Note: For Wire or UniShield® shielding, please 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)

# INDOOR

## Three Core Termination Kits

3M™ Cold Shrink QT-III Indoor Termination Kit 7600-T-3W Series  
for 5-35 kV Tape Shield (Armored or Unarmored), Wire Shield\*, UniShield®\* Cables

Kit Number	BIL	Max. Installed Length Inches (mm)	Cable Insulation O.D. Range Inches (mm)	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)	0.33 – 0.50 (8,4 – 12,7)	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)	0.50 – 0.70 (12,7 – 17,8)	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)	0.70 – 0.92 (17,8 – 23,4)	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)	0.92 – 1.18 (23,4 – 30,0)	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)	1.18 – 1.52 (30,0 – 38,6)	JIS 300 – 325 mm <sup>2</sup>	AEIC 800 – 1000 kcmil
7621-T-110-3W	110 kV	12.0 (305)	0.50 – 0.70 (12,7 – 17,8)	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)	0.70 – 0.92 (17,8 – 23,4)	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)	0.92 – 1.18 (23,4 – 30,0)	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)	1.18 – 1.52 (30,0 – 38,6)	JIS 300 – 325 mm <sup>2</sup>	AEIC 800 – 1000 kcmil
7625-T-125-3W	125 kV	10.5 (267)	1.18 – 1.52 (30,0 – 38,6)	JIS 300 – 325 mm <sup>2</sup>	AEIC 800 – 1000 kcmil
7693-T-150-3W	150 kV	16.00 (406)	0.70 – 0.92 (17,8 – 23,4)	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)	0.92 – 1.18 (23,4 – 30,0)	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)	1.18 – 1.52 (30,0 – 38,6)	JIS 300 – 325 mm <sup>2</sup>	AEIC 800 – 1000 kcmil

\*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

# OUTDOOR

## Three Core Termination Kits

3M™ Cold Shrink QT-III Outdoor Termination Kit 7600-S-3G Series  
for 5-35 kV Tape Shield (Armored or Unarmored), Wire Shield\*, UniShield®\* Cables

Kit Number	Skirts	BIL	Max. Installed Length Inches (mm)	Insulation O.D. Range Inches (mm)	Max. Cable O.D. Inches (mm)
<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)	0.33 – 0.50 (8,40 – 12,7)	2.20 (55,9)
7621-S-2-3G	2	95 kV	10.5 (267)	0.50 – 0.70 (12,7 – 17,8)	2.80 (71,1)
7622-S-2-3G	2	110 kV	9.8 (249)	0.70 – 0.92 (17,8 – 23,4)	3.30 (83,8)
7691-S-4-3G	4	150 kV	12.25 (311)	0.50 – 0.70 (12,7 – 17,8)	2.80 (71,1)
7692-S-4-3G	4	150 kV	12.25 (311)	0.70 – 0.92 (17,8 – 23,4)	3.30 (83,8)
7693-S-4-3G	4	150 kV	12.25 (311)	0.92 – 1.18 (23,4 – 30,0)	3.90 (99,1)
7695-S-4-3G	4	150 kV	12.25 (311)	1.18 – 1.52 (30,0 – 38,6)	4.50 (114,3)
7684-S-8-3G	8	200 kV	20.5 (521)	0.92 – 1.18 (23,4 – 30,0)	3.90 (99,1)
7685-S-8-3G	8	200 kV	20.5 (521)	1.18 – 1.52 (30,0 – 38,6)	4.50 (114,3)
7686-S-8-3G	8	200 kV	21.5 (546)	1.53 – 1.81 (38,8 – 46,0)	5.40 (137,2)

3M™ Cold Shrink QT-III Outdoor Termination Kit 7600-S-3W Series  
for 5-35 kV Tape Shield (Armored or Unarmored), Wire Shield\*, UniShield®\* Cables

Kit Number	Skirts	BIL	Max. Installed Length Inches (mm)	Cable Insulation O.D. Range Inches (mm)	3.3 kV	5.0 kV	6.6 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)	0.33 – 0.50 (8,40 – 12,7)	IEC 16 – 35 mm <sup>2</sup> JIS 8 – 22 mm <sup>2</sup>	AEIC 8 – 2 AWG	IEC 16 – 25 mm <sup>2</sup>
7621-S-2-3W	2	95 kV	10.5 (267)	0.50 – 0.70 (12,7 – 17,8)	IEC 50 – 95 mm <sup>2</sup> JIS 38 – 60 mm <sup>2</sup>	AEIC 1 – 3/0 AWG	IEC 35 – 70 mm <sup>2</sup>
7622-S-2-3W	2	110 kV	9.8 (249)	0.70 – 0.92 (17,8 – 23,4)	IEC 120 – 185 mm <sup>2</sup> JIS 100 – 150 mm <sup>2</sup>	AEIC 4/0 AWG – 400 kcmil	IEC 95 – 150 mm <sup>2</sup> JIS 60 – 100 mm <sup>2</sup>
7691-S-4-3W	4	150 kV	12.25 (311)	0.50 – 0.70 (12,7 – 17,8)	IEC 50 – 95 mm <sup>2</sup> JIS 38 – 60 mm <sup>2</sup>	AEIC 1 – 3/0 AWG	IEC 35 – 70 mm <sup>2</sup>
7692-S-4-3W	4	150 kV	12.25 (311)	0.70 – 0.92 (17,8 – 23,4)	IEC 120 – 185 mm <sup>2</sup> JIS 100 – 150 mm <sup>2</sup>	AEIC 4/0 AWG – 400 kcmil	IEC 95 – 150 mm <sup>2</sup> JIS 60 – 100 mm <sup>2</sup>
7693-S-4-3W	4	150 kV	12.25 (311)	0.92 – 1.18 (23,4 – 30,0)	IEC 240 – 300 mm <sup>2</sup> JIS 200 – 250 mm <sup>2</sup>	AEIC 500 – 750 kcmil	IEC 185 – 300 mm <sup>2</sup> JIS 150 – 250 mm <sup>2</sup>
7695-S-4-3W	4	150 kV	12.25 (311)	1.18 – 1.52 (30,0 – 38,6)	JIS 300 – 325 mm <sup>2</sup>	AEIC 800 – 1000 kcmil	JIS 300 – 325 mm <sup>2</sup>
7685-S-8-3W	8	200 kV	21.5 (546)	1.18 – 1.52 (30,0 – 38,6)	JIS 300 – 325 mm <sup>2</sup>	AEIC 800 – 1000 kcmil	JIS 300 – 325 mm <sup>2</sup>

\*Note: For Wire or UniShield® shielding, please 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 (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 (350-750)	500-750 (350-750)

Conductor Size Range 100% Insulation Level						
8 kV	10 kV	15 kV	20 kV	25/28 kV	30 kV	35 kV
AEIC 6-4 AWG	-	-	-	-	-	-
AEIC 2-2/0 AWG	IEC 10-50 mm <sup>2</sup>	IEC 16-25 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	-	-	-	-
AEIC 2-2/0 AWG	IEC 10-50 mm <sup>2</sup>	IEC 16-25 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	-	-
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 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 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

# INVERTED

## Three Core Termination Kits

3M™ Cold Shrink QT-III Inverted Termination Kit 7600-S-INV-3-RJS Series  
for 5-25/28 kV Tape Shield (Armored or Unarmored), Wire Shield\*, UniShield®\* Cables

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


3M™ Cold Shrink QT-III Inverted Termination Kit 7600-S-4-INV-3G Series  
for 5-25 kV Tape Shield (Armored or Unarmored), Wire Shield\*, UniShield®\* Cables

Kit Number	BIL	Max. Installed Length Inches (mm)	Cable Insulation O.D. Range Inches (mm)	Cable O.D. Inches (mm)
<b>For cables with ground wires.</b> (Each kit makes one Three Core conductor termination.)				
7693-S-4-INV-3G	200 kV	16.0 (406)	0.92 – 1.18 (23,4 – 30,0)	3.90 (99,1)
7695-S-4-INV-3G	200 kV	16.0 (406)	1.18 – 1.52 (30,0 – 38,6)	4.50 (114,3)

3M™ Cold Shrink QT-III Inverted Termination Kit 7600-S-INV-3W Series - 4 Skirt,  
for 5-25/28 kV Tape Shield (Armored or Unarmored), Wire Shield\*, UniShield®\* Cables

Kit Number	BIL	Max. Installed Length	Cable Insulation O.D. Range Inches (mm)	3.3 kV	5.0 kV
<b>For cables without ground wires.</b> (Each kit makes one Three Core conductor termination.)					
7693-S-4-INV-3W	200 kV	16.0 (406)	0.92 – 1.18 (23,4 – 30,0)	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)	1.18 – 1.52 (30,0 – 38,6)	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
JIS 150 – 250 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> 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 – 300mm <sup>2</sup>	AEIC 300 – 500 kcmil

Conductor Size Range 100% (133%) Insulation Level			
5 kV	8 kV	15 kV	25/28 kV
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)
700 – 1000 kcmil (700 – 1000 kcmil)	700 – 1000 kcmil (700 – 1000 kcmil)	500 – 750 kcmil (500 – 750 kcmil)	350 – 500 kcmil (250 – 500 kcmil)

Conductor Size Range 100% Insulation Level					
6.6 kV	8 kV	10 kV	15 kV	20 kV	25/28 kV
JIS 150 – 250 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> 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