

QT-II Indoor and Outdoor Terminations

3M™ Cold Shrink QT-II terminations provide easy installation for a broad spectrum of indoor and outdoor applications. The Cold Shrink QT-II termination is based on specially formulated, track-resistant silicone rubber insulators with built-in Hi-K stress relief. The insulators are pre-stretched around a spiral-wound, plastic core. When the terminator is slipped over a properly prepared cable and the core is removed, the terminator immediately shrinks to the cable's dimensions. The result is a void-free, flexible seal without special tools or torches.



3M™ Cold Shrink QT-II Indoor Termination

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5620K Series Indoor Termination Kits for 5 to 15 kV (for Tape, Wire and UniShield® Shield Cable)

Kit Number	UPC (054007-)	Cable Insulation O.D. Range in. (mm)	Conductor Size Range				
			5 kV 100%	5 kV 133%	8 kV 100%	8 kV 133%	15 kV 100%
Shielded Cable Kits – Tubular Termination (Each Shielded Cable Kit makes three terminations)							
5621K	12250	0.32 – 0.46 (8 – 12)	8 – 4 AWG (10 – 16 mm ²)	8 – 6 AWG (10 – 14 mm ²)	8 AWG (10 mm ²)	—	—
5622K	12251	0.44 – 0.65 (1 – 17)	2 – 2/0 AWG (35 – 60 mm ²)	4 – 1/0 AWG (22 – 50 mm ²)	6 – 1 AWG (14 – 38 mm ²)	—	—
5623K	12252	0.56 – 0.87 (14 – 22)	2/0 AWG – 250 kcmil (70 – 125 mm ²)	1/0 – 4/0 AWG (60 – 100 mm ²)	1 – 3/0 AWG (50 – 80 mm ²)	4 – 2/0 AWG (22 – 60 mm ²)	4 – 1 AWG (22 – 38 mm ²)
5624K	12254	0.78 – 1.30 (20 – 33)	300 – 750 kcmil (180 – 325 mm ²)	250 – 750 kcmil (125 – 325 mm ²)	4/0 AWG – 600 kcmil (120 – 300 mm ²)	2/0 AWG – 500 kcmil (70 – 250 mm ²)	1 AWG – 350 kcmil (38 – 150 mm ²)
5625K	12255	1.09 – 1.80 (28 – 46)	600 – 1500 kcmil (325 – 725 mm ²)	600 – 1500 kcmil (325 – 725 mm ²)	500 – 1250 kcmil (300 – 625 mm ²)	500 – 1250 kcmil (300 – 625 mm ²)	350 – 1000 kcmil (180 – 500 mm ²)

6020K Series Indoor Termination Kits for 15 to 25/28 kV (for Tape, Wire and UniShield® Shield Cable)

Kit Number	UPC (054007-)	Cable Insulation O.D. Range in. (mm)	Cable Jacket O.D. Range in. (mm)	Conductor Size Range		
				15 kV 100%	15 kV 133%	25/28 kV
Shielded Cable Kits – Tubular Termination (Each Shielded Cable Kit makes three terminations)						
6022K	49934	0.64 – 0.90 (16,3 – 22,9)	0.80 – 1.20 (20,3 – 30,5)	2 – 3/0 AWG (35 – 80 mm ²)	4 – 2/0 AWG (22 – 60 mm ²)	2 – 1 AWG (35 – 38 mm ²)
6023K	49935	0.84 – 1.33 (21,3 – 33,8)	1.00 – 1.60 (25,4 – 40,6)	3/0 AWG – 500 kcmil (95 – 250mm ²)	2/0 AWG – 350 kcmil (70 – 150 mm ²)	1 AWG – 250 kcmil (38 – 125 mm ²)
6024K	49936	1.10 – 1.65 (27,9 – 41,9)	1.30 – 1.90 (33,0 – 48,3)	500 – 750 kcmil (300 – 325 mm ²)	350 – 700 kcmil (180 – 325 mm ²)	250 – 600 kcmil (125 – 300 mm ²)
6025K	49937	1.30 – 1.95 (33,0 – 49,5)	1.50 – 2.40 (38,1 – 61,0)	750 – 1750 kcmil (400 – 850 mm ²)	700 – 1500 kcmil (400 – 750 mm ²)	600 – 1250 kcmil (325 – 625 mm ²)

5630K Series Termination Kits for 5 to 15 kV (for Tape, Wire and UniShield® Shield Cable)

Kit No.	UPC (054007-)	Cable Insulation O.D. Range in. (mm)	Cable Jacket O.D. Range in. (mm)	Conductor Size Range				
				5 kV 100%	5 kV 133% 8 kV 100%	8 kV 133%	15 kV 100%	15 kV 133%
Shielded Cable Kits (Each Shielded Cable Kit makes three terminations)								
4 Skirt								
5632K	49681	0.33 – 0.69 (8 – 17)	0.55 – 0.92 (14 – 23)	8 – 2/0 AWG (10 – 60 mm ²)	8 – 1/0 AWG (10 – 50 mm ²)	8 – 1 AWG (10 – 38 mm ²)	8 – 4 AWG (10 – 16 mm ²)	8 – 6 AWG (10 – 14 mm ²)
5633K	12256	0.64 – 0.90 (16 – 23)	0.80 – 1.20 (20 – 30)	3/0 AWG – 300 kcmil (95 – 150 mm ²)	2/0 AWG – 250 kcmil (70 – 125 mm ²)	1/0 – 4/0 AWG (60 – 100 mm ²)	2 – 3/0 AWG (35 – 80 mm ²)	4 – 1/0 AWG (22 – 50 mm ²)
5635K	12257	0.84 – 1.33 (21 – 34)	1.00 – 1.60 (25 – 41)	350 – 750 kcmil (180 – 325 mm ²)	300 – 750 kcmil (180 – 325 mm ²)	250 – 600 kcmil (125 – 325 mm ²)	3/0 AWG – 500 kcmil (95 – 250 mm ²)	2/0 AWG – 350 kcmil (70 – 180 mm ²)
5636K	12258	1.10 – 1.65 (28 – 42)	1.30 – 1.90 (33 – 48)	750 – 1500 kcmil (400 – 725 mm ²)	750 – 1250 kcmil (400 – 625 mm ²)	600 – 1000 kcmil (325 – 500 mm ²)	500 – 1000 kcmil (300 – 500 mm ²)	350 – 750 kcmil (180 – 325 mm ²)
5637K	12259	1.30 – 1.95 (33 – 50)	1.50 – 2.40 (38 – 61)	1000 – 2000 kcmil (600 – 1000 mm ²)	1000 – 2000 kcmil (600 – 1000 mm ²)	800 – 1750 kcmil (500 – 850 mm ²)	750 – 1750 kcmil (400 – 850 mm ²)	600 – 1500 kcmil (325 – 725 mm ²)

NOTE: Because of the various factors which affect Cable Primary Insulation O.D. and Cable Jacket O.D. (e.g., type of conductor, insulation thickness), the cable sizes in the chart above are guidelines. Confirm conductor will fit within cable insulation range.

NOTE: For three conductor cable applications, consult your 3M sales representative.

5600 and 5680 Series Outdoor Termination Kits for 5 to 35 kV (for Concentric Neutral Cables)

Kit No.	UPC (054007-)	Cable Insulation O.D. Range in. (mm)	Conductor Size Range					
			5 kV 100%	5 kV 133% 8 kV 100%	8 kV 133%	15 kV	25/28 kV	35 kV
Non-jacketed Concentric Cable Kits (Each concentric and Jacketed Concentric Cable Kit makes one termination)								
4 Skirt								
5601	02427	0.637 – 1.12 (16 – 28)	3/0 AWG – 500 kcmil (95 – 250 mm ²)	2/0 AWG – 500 kcmil (35 – 250 mm ²)	1/0 AWG – 350 kcmil (60 – 150 mm ²)	2 – 4/0 AWG (35 – 100 mm ²)	—	—
5602	11882	0.84 – 1.38 (21 – 35)	350 – 750 kcmil (180 – 325 mm ²)	350 – 750 kcmil (180 – 325 mm ²)	250 – 750 kcmil (125 – 325 mm ²)	250 – 500 kcmil (125 – 250 mm ²)	—	—
5603	11885	1.08 – 1.80 (27 – 46)	750 – 1000 kcmil (400 – 500 mm ²)	750 – 1500 kcmil (400 – 725 mm ²)	500 – 1250 kcmil (300 – 625 mm ²)	500 – 1200 kcmil (300 – 600 mm ²)	—	—
6 Skirt								
5681	09133	0.637 – 1.12 (16 – 28)	3/0 AWG – 500 kcmil (95 – 250 mm ²)	2/0 AWG – 500 kcmil (35 – 250 mm ²)	1/0 AWG – 350 kcmil (60 – 150 mm ²)	2 – 4/0 AWG (35 – 100 mm ²)	2 – 2/0 AWG (35 – 60 mm ²)	—
5682	69794	0.84 – 1.38 (21 – 35)	350 – 750 kcmil (180 – 325 mm ²)	350 – 750 kcmil (180 – 325 mm ²)	250 – 750 kcmil (125 – 325 mm ²)	250 – 500 kcmil (125 – 250 mm ²)	1 AWG – 350 kcmil (50 – 150 mm ²)	—
5683	69795	1.08 – 1.80 (27 – 46)	750 – 1000 kcmil (400 – 500 mm ²)	750 – 1500 kcmil (400 – 725 mm ²)	500 – 1250 kcmil (300 – 625 mm ²)	500 – 1200 kcmil (300 – 600 mm ²)	350 – 750 kcmil (180 – 325 mm ²)	—
5684	69796	1.31 – 2.10 (33 – 53)	—	—	—	—	750 – 1500 kcmil (400 – 725 mm ²)	—
8 Skirt								
5604**	08002	0.637 – 1.12 (16 – 28)	3/0 AWG – 500 kcmil (95 – 250 mm ²)	2/0 AWG – 500 kcmil (35 – 250 mm ²)	1/0 AWG – 350 kcmil (60 – 150 mm ²)	2 – 4/0 AWG (35 – 100 mm ²)	2 – 2/0 AWG (35 – 60 mm ²)	—
5605	11888	0.84 – 1.38 (21 – 35)	350 – 750 kcmil (180 – 325 mm ²)	350 – 750 kcmil (180 – 325 mm ²)	250 – 750 kcmil (125 – 325 mm ²)	250 – 500 kcmil (125 – 250 mm ²)	1 AWG – 350 kcmil (50 – 150 mm ²)	1 – 4/0 AWG (50 – 100 mm ²)
5606	11893	1.08 – 1.80 (27 – 46)	750 – 1000 kcmil (400 – 500 mm ²)	750 – 1500 kcmil (400 – 725 mm ²)	500 – 1250 kcmil (300 – 625 mm ²)	500 – 1200 kcmil (300 – 600 mm ²)	350 – 750 kcmil (180 – 325 mm ²)	4/0 AWG – 500 kcmil (120 – 250 mm ²)
5607	11897	1.31 – 2.10 (33 – 53)	—	—	—	—	750 – 1500 kcmil (400 – 725 mm ²)	500 – 1250 kcmil (300 – 625 mm ²)
5608	09168	1.80 – 2.75 (46 – 70)	—	—	—	—	—	1000 – 2000 kcmil (500 – 1000 mm ²)

** The 5604 is rated 25/28 kV.

5640 and 5650 Series Outdoor Termination Kits for 15 to 35 kV (for Jacketed Concentric Neutral Cable)

Kit Number	UPC (054007-)	Cable Insulation O.D. Range in. (mm)	Cable Jacket O.D. Range in. (mm)	Conductor Size Range		
				15 kV	25/28 kV	35 kV
Jacketed Concentric Cable Kits (Each Concentric and Jacketed Concentric Cable Kit makes one termination)						
4 Skirt						
5641	11963	0.637 – 1.12 (16 – 28)	0.93 – 1.35 (24 – 34)	2 – 2/0 AWG (35 – 60 mm ²)	—	—
5642	11970	0.84 – 1.38 (21 – 35)	1.19 – 1.72 (30 – 44)	3/0 AWG – 350 kcmil (95 – 180 mm ²)	—	—
5643	11972	1.08 – 1.80 (27 – 46)	1.37 – 2.02 (35 – 51)	400 – 700 kcmil (240 – 325 mm ²)	—	—
5644	11973	1.31 – 2.10 (33 – 53)	1.62 – 2.55 (41 – 65)	750 – 1500 kcmil (400 – 725 mm ²)	—	—
6 Skirt						
5651	09132	0.637 – 1.12 (16 – 28)	0.93 – 1.35 (24 – 34)	2 – 2/0 AWG (35 – 60 mm ²)	2 – 1/0 AWG (35 – 50 mm ²)	—
5652	69791	0.84 – 1.38 (21 – 35)	1.19 – 1.72 (30 – 44)	3/0 AWG – 350 kcmil (95 – 180 mm ²)	1/0 AWG – 250 kcmil (60 – 125 mm ²)	—
5653	69792	1.08 – 1.80 (27 – 46)	1.37 – 2.02 (35 – 51)	400 – 700 kcmil (240 – 325 mm ²)	250 – 500 kcmil (125 – 250 mm ²)	—
5654	69793	1.31 – 2.10 (33 – 53)	1.62 – 2.55 (41 – 65)	750 – 1500 kcmil (400 – 725 mm ²)	500 – 1250 kcmil (300 – 625 mm ²)	—
8 Skirt						
5646	11975	0.84 – 1.38 (21 – 35)	1.19 – 1.72 (30 – 44)	3/0 AWG – 350 kcmil (95 – 180 mm ²)	1/0 AWG – 250 kcmil (60 – 125 mm ²)	1 – 3/0 AWG (50 – 80 mm ²)
5647	11976	1.08 – 1.80 (27 – 46)	1.37 – 2.02 (35 – 51)	400 – 700 kcmil (240 – 325 mm ²)	250 – 500 kcmil (125 – 250 mm ²)	4/0 AWG – 300 kcmil (120 – 150 mm ²)
5648	11977	1.31 – 2.10 (33 – 53)	1.62 – 2.55 (41 – 65)	750 – 1500 kcmil (400 – 725 mm ²)	500 – 1250 kcmil (300 – 625 mm ²)	350 – 1000 kcmil (180 – 500 mm ²)
5649	09958	1.80 – 2.30 (46 – 58)	2.10 – 2.75 (53 – 70)	—	—	1000 – 1500 kcmil (600 – 725 mm ²)

5690K Series Outdoor Termination Kits for 15 to 35 kV (for Tape, Wire and UniShield® Shield Cable)

Kit Number	UPC (054007-)	Cable Insulation O.D. Range in. (mm)	Cable Jacket O.D. Range in. (mm)	Conductor Size Range			
				15 kV 100%	15 kV 133%	25/28 kV	35 kV
Shielded Cable Kits (Each Shielded Cable Kit makes three terminations)							
6 Skirt							
5691K	49395	0.64 – 0.90 (16,3 – 22,9)	0.80 – 1.20 (20,3 – 30,5)	2 – 3/0 AWG (35 – 80 mm ²)	2 – 1/0 AWG (35 – 50 mm ²)	2 – 1 AWG (35 – 38 mm ²)	—
5692K	49396	0.84 – 1.33 (21,3 – 33,8)	1.00 – 1.60 (25,5 – 40,6)	3/0 AWG – 400 kcmil (95 – 200 mm ²)	2/0 AWG – 350 kcmil (70 – 180 mm ²)	1/0 AWG – 250 kcmil (60 – 125 mm ²)	—
5693K	49397	1.10 – 1.65 (27,9 – 41,9)	1.30 – 1.90 (33 – 48,3)	500 – 750 kcmil (300 – 325 mm ²)	400 – 750 kcmil (240 – 325 mm ²)	300 – 500 kcmil (180 – 250 mm ²)	—
5694K	49398	1.30 – 1.95 (33 – 49,5)	1.50 – 2.40 (38,1 – 61)	800 – 1750 kcmil (500 – 850 mm ²)	800 – 1500 kcmil (500 – 725 mm ²)	600 – 1250 kcmil (325 – 625 mm ²)	—
8 Skirt							
5696K	49399	0.84 – 1.33 (21 – 33,8)	1.00 – 1.60 (25,4 – 40,6)	3/0 AWG – 400 kcmil (95 – 200 mm ²)	2/0 AWG – 350 kcmil (70 – 180 mm ²)	1/0 AWG – 250 kcmil (60 – 125 mm ²)	2 – 3/0 AWG (35 – 80 mm ²)
5697K	49400	1.10 – 1.65 (27,9 – 41,9)	1.30 – 1.90 (33 – 48,3)	500 – 750 kcmil (300 – 325 mm ²)	400 – 750 kcmil (240 – 325 mm ²)	300 – 500 kcmil (180 – 250 mm ²)	4/0 AWG – 400 kcmil (120 – 150 mm ²)
5698K	49401	1.30 – 1.95 (33 – 49,5)	1.50 – 2.40 (38,1 – 61)	800 – 1750 kcmil (500 – 850 mm ²)	800 – 1500 kcmil (500 – 725 mm ²)	600 – 1250 kcmil (325 – 625 mm ²)	500 – 1000 kcmil (300 – 500 mm ²)