

3M™ Cold Shrink QT-III Termination Kit 7620-T & 7690-T Series for 5-35 kV

3M™ Cold Shrink QT-III Silicone Rubber Termination Kit 7620-T and 7690-T Series contain one-piece, non-skirted, silicone rubber terminations, qualified as IEEE Standard 48 Class 1 for indoor and weather-protected applications. The termination assemblies consist of a tubular insulator, high dielectric constant (Hi-K) stress control tube (7620-T designed and assembled with stress controlling compound only), conformable Hi-K stress controlling compound, and built-in environmental top seal. The insulator is made of a dark gray silicone rubber with advanced tracking resistant and hydrophobic properties. The complete assembly is prestretched and loaded onto a removable core which can be recycled. The kits are designed for terminating solid dielectric shielded power cable rated 5–35 kV, with tape shield, wire shield and UniShield® constructions.

Each kit contains sufficient quantities of material to make three single-phase terminations. Lugs need to be ordered separately.

Number of Conductors	Single Conductor
Shielding Type	Tape Shield, Wire Shield, UniShield®
Indoor/Outdoor	Indoor
Breakout Boot	No
Insulation Rejacketing	No
No. Skirts	0
Voltage	5 kV, 8 kV, 15 kV, 25/28 kV, 35 kV
Packaging	1 kit per case (three single-phase terminations per kit)



Order No.	UPC	BIL	Max. Installed Length	Insulation O.D. Range	Conductor Size 5 kV	Conductor Size 8 kV	Conductor Size 15 kV	Conductor Size 25/28 kV	Conductor Size 35 kV
7620-T-95	054007-41758	95 kV	8.5" (216 mm)	0.32"-0.59" (8,1-15,0 mm)	8-4 AWG	8-6 AWG	-	-	-
7621-T-95	054007-41759	95 kV	8.5" (216 mm)	0.44"-0.89" (11,2-22,6 mm)	2-3/0 AWG	4-2/0 AWG	-	-	-
7622-T-95	051128-57483	95 kV	8.5" (216 mm)	0.64"-1.08" (16,3-27,4 mm)	4/0 AWG-400 kcmil	3/0 AWG-300 kcmil	-	-	-
7622-T-110	054007-41760	110 kV	12.0" (305 mm)	0.64"-1.08" (16,3-27,4 mm)	4/0 AWG-400 kcmil	3/0 AWG-300 kcmil	2-4/0 AWG (35-120 mm²)	-	-
7624-T-95	051128-57484	95 kV	8.5" (216 mm)	0.83"-1.53" (21,1-38,9 mm)	500-750 kcmil	350-700 kcmil	-	-	-
7624-T-110	054007-41761	110 kV	12.0" (305 mm)	0.83"-1.53" (21,1-38,9 mm)	500-750 kcmil	350-700 kcmil	4/0 AWG-500 kcmil (120-240 mm²)	-	-
7625-T-95	051128-57485	95 kV	8.5" (216 mm)	1.05"-1.80" (26,7-45,7 mm)	700-1500 kcmil	600-1250 kcmil	-	-	-
7625-T-110	054007-41762	110 kV	12.0" (305 mm)	1.05"-1.80" (26,7-45,7 mm)	700-1500 kcmil	600-1250 kcmil	500-1000 kcmil (240-500 mm²)	-	-
7626-T-110	054007-41763	110 kV	12.0" (305 mm)	1.53"-2.32" (38,9-58,9 mm)	1750-2000 kcmil	1500-2000 kcmil	1250-2000 kcmil (500-1000 mm²)	-	-
7693-T-150	054007-41778	150 kV	16.0" (406 mm)	0.72"-1.29" (18,3-32,8 mm)	300-500 kcmil	250-500 kcmil	2/0 AWG-300 kcmil (70-150 mm²)	2-4/0 AWG (35-120 mm²)	2-2/0 AWG (35-70 mm²)
7695-T-150	054007-41779	150 kV	16.0" (406 mm)	1.05"-1.80" (26,7-45,7 mm)	700-1500 kcmil	600-1250 kcmil	500-1000 kcmil (240-500 mm²)	250-800 kcmil (150-400 mm²)	3/0 AWG-600 kcmil (95-325 mm²)
7696-T-150	054007-41780	150 kV	16.0" (406 mm)	1.53"-2.32" (38,9-58,9 mm)	1750-2000 kcmil	1500-2000 kcmil	1250-2000 kcmil (625-1000 mm²)	900-1750 kcmil (500-800 mm²)	700-1500 kcmil (400-725 mm²)