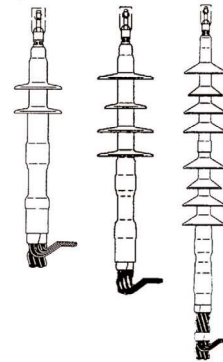


Single Core Tape Shield, Wire Shield & UniShield® Cable, 5–46 kV: 3M™ Cold Shrink QT-III Terminations: Outdoor Skirted Kits

3M™ Cold Shrink QT-III Termination Kit 7620-S, 7680-S & 7690-S Series for 5-35 kV

3M™ Cold Shrink QT-III Silicone Rubber Termination Kit 7620-S, 7680-S and 7690-S Series contain one-piece, skirted, silicone rubber terminations, qualified as IEEE Standard 48 Class 1 for outdoor weather-exposed applications. The termination assemblies consist of a skirted insulator, high-dielectric constant (Hi-K) stress control tube (7620-S is 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 excellent tracking resistance 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 cables rated 5–35 kV, with tape shield, wire shield and UniShield® constructions. Each kit makes 3 terminations. Lugs need to be ordered separately.

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



Order No.	UPC	Skirts	BIL	Max. Installed Length	Insulation O.D. Range	Cond. Size 5 kV	Cond. Size 8 kV	Cond. Size 15 kV	Cond. Size 25/28 kV	Cond. Size 35 kV
7620-S-2	054007-42168	2	95 kV	10.50" (267 mm)	0.32"-0.59" (8,1-15,0 mm)	8-4 AWG	8-6 AWG	-	-	-
7621-S-2	054007-42169	2	95 kV	10.50" (267 mm)	0.44"-0.89" (11,2-22,6 mm)	2-3/0 AWG	4-2/0 AWG	-	-	-
7622-S-2	054007-42170	2	110 kV	9.80" (249 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 mm ²)	-	-
7692-S-4	054007-42211	4	150 kV	12.25" (311 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 mm ²)	2-1/0 AWG (35-50 mm ²)	-
7693-S-4	054007-42212	4	150 kV	12.25" (311 mm)	0.72"-1.29" (18,3-32,8 mm)	300-500 kcmil	250-500 kcmil	2/0 AWG-300 kcmil (70-150 mm ²)	2-4/0 AWG (35-120 mm ²)	-
7694-S-4	054007-42213	4	150 kV	12.25" (311 mm)	0.83"-1.53" (21,1-38,9 mm)	500-750 kcmil	350-700 kcmil	4/0 AWG-500 kcmil (120-240 mm ²)	2/0 AWG-250 kcmil (70-150 mm ²)	-
7695-S-4	054007-42214	4	150 kV	12.25" (311 mm)	1.05"-1.80" (26,7-45,7 mm)	700-1500 kcmil	600-1250 kcmil	500-1000 kcmil (240-500 mm ²)	250-800 kcmil (150-400 mm ²)	-
7696-S-4	054007-42215	4	150 kV	13.25" (336 mm)	1.53"-2.32" (38,9-58,9 mm)	1750-2000 kcmil	1500-2000 kcmil	1250-2000 kcmil (625-1000 mm ²)	900-1750 kcmil (500-800 mm ²)	-
7683-S-8	054007-42465	8	200 kV	20.50" (521 mm)	0.72"-1.29" (18,3-32,8 mm)	300-500 kcmil	250-500 kcmil	2/0 AWG-300 kcmil (70-150 mm ²)	2-4/0 AWG (35-120 mm ²)	2-2/0 AWG (35-70 mm ²)
7684-S-8	054007-42466	8	200 kV	20.50" (521 mm)	0.83"-1.53" (21,1-38,9 mm)	500-750 kcmil	350-700 kcmil	4/0 AWG-500 kcmil (120-240 mm ²)	2/0 AWG-250 kcmil (70-150 mm ²)	2-4/0 AWG (35-120 mm ²)
7685-S-8	054007-42467	8	200 kV	20.50" (521 mm)	1.05"-1.80" (26,7-45,7 mm)	700-1500 kcmil	600-1250 kcmil	500-1000 kcmil (240-500 mm ²)	250-800 kcmil (125-400 mm ²)	3/0 AWG-600 kcmil (95-325 mm ²)