

Medium Voltage Leads, 5–8 kV

3M™ Motor Lead Pigtail Splice Kits, Shielded and Non-Shielded Cables, 5321-5324

3M™ Motor Lead Pigtail Splicing Kits 5300 Series are designed for splicing motor lead cables to incoming feeder cables. These kits can accommodate pigtail (stub) connections of 5/8 kV with shielded feeders. The splice's main component, the slip-on splice cover, is made from EPDM rubber. A mastic strip is used for the moisture seal.

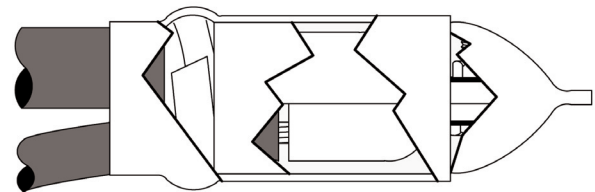
These kits are designed to be used with copper compression, one- or two-hole lugs. After being crimped onto the cables, the lugs are bolted together in a pigtail configuration, then insulated and sealed with the 3M™ Motor Lead Splicing Kits. Each kit contains the necessary materials (except lugs) needed to make three splices. The lugs must be purchased separately. 3M™ Scotchlok™ Copper Compression Lugs 30000 Series, or other UL listed copper lugs, can be used.

Note: 3M™ Motor Lead Kits 5321-5324 also require vinyl tape which is not included.

Kit contents include

- ♦ (3) Pigtail lug covers
- ♦ (3) Cold Shrink tubes
- ♦ (9) Mastic sealing strips
- ♦ (3) Rolls Scotch® Stress Control Tape 2200
- ♦ (3) Bags of solvent cleaning cloths
- ♦ (3) Tubes of silicone grease
- ♦ (3) Rolls Scotch® Linerless Rubber Splicing Tape 130C
- ♦ (3) Instruction sheets

Voltage	5/8 kV
Cable/Shielding Type	Tape Shield, Wire Shield, UniShield®
Connection Type	Pigtail (Shielded and Non-Shielded)
RoHS 2011/65/EU	Yes



5321 Pigtail

Order No.	UPC	Feeder Cable Wire Range	Motor Lead Cable Wire Range	Max. Bolt Length	Insulation O.D.	Lug Cover Length	Case Qty.
5321	054007-12271	8–4 AWG	10–4 AWG	1/2" (12,7 mm)	0.30"–0.51" (7,6–13,0 mm)	7"–8" (177,8–203,2 mm)	1
5322	054007-12272	2–1/0 AWG	4–1/0 AWG	3/4" (19,1 mm)	0.43"–0.65" (10,9–16,5 mm)	8"–9" (203,2–228,6 mm)	1
5323	054007-12273	1/0 AWG–250 kcmil	2 AWG–250 kcmil	1-1/4" (31,8 mm)	0.53"–0.88" (13,5–22,4 mm)	9"–10" (228,6–254,0 mm)	1
5324	054007-12274	250–500 kcmil	4/0 AWG–500 kcmil	1-1/2" (38,1 mm)	0.75"–1.12" (19,1–28,4 mm)	10.5"–11.5" (266,7–292,1 mm)	1