

### RING TERMINAL SELECTION GUIDE



*BU-190540044*



*BU-190540113*



*BU-191640063*



*BU-191930082*

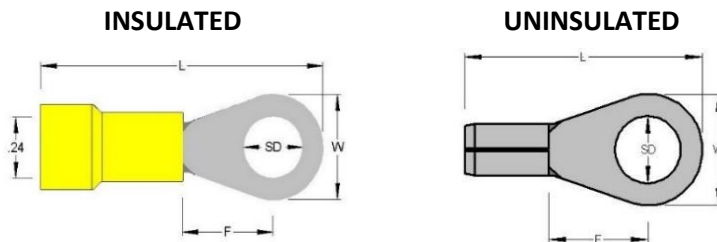
- Mueller offers a wide range of ring terminals that are suitable for a variety of applications.
- Three different wire ranges
  - 12-10AWG
  - 16-14AWG
  - 22-18AWG
- Stud sizes from #6 all the way up to 3/8"
- 4 different insulation styles
  - Nyax heat shrink
  - Nylon
  - Vinyl
  - Uninsulated-Brazed Seams
- Temperature ratings:
  - 75°C: Nylon and Vinyl insulated
  - 125°C: Nyax insulated
  - 175°C: Uninsulated
- Rated Voltage: 600V
- Single crimp terminals
- Solid or stranded wire accepted
- Recommended strip length: 1/4"
- All ring terminals are UL and CSE listed except the Nyax heat shrink insulated terminals
  - UL Listed, investigated to UL 486 A-B, File NO. ZMVB.E68376
  - CSA 22.2 No. 65-03, Certification NO. 207131

# 12-10AWG RING TERMINALS

PART NUMBER	AWG SIZE	STUD SIZE	INSULATION MATERIAL	BARREL LENGTH	LENGTH	W	STUD DIAMETER (SD)	F
BU-191640063	12-10	#10	NYAX HEAT SHRINK	.250	1.15	.342	.194/.197	.297
BU-191640066	12-10	1/4	NYAX HEAT SHRINK	.250	1.45	.558	.257/.261	.469
AI-50220N	12-10	#8	NYLON	.250	1.020	.342	.168/.171	.297
AI-50230N	12-10	#10	NYLON	.250	1.020	.342	.194/.197	.297
AI-50240N	12-10	1/4	NYLON	.250	1.30	.558	.257/.261	.469
AI-50250N	12-10	5/16	NYLON	.250	1.30	.558	.327/.323	.469
AI-50260N	12-10	3/8	NYLON	.250	1.30	.558	.400/.394	.469
BU-191930106	12-10	#8	UNINSULATED	.250	.720	.342	.168/.171	.297
BU-191930109	12-10	#10	UNINSULATED	.250	.720	.342	.194/.197	.297
BU-191930116	12-10	1/4	UNINSULATED	.250	.990	.558	.257/.261	.469
BU-191930120	12-10	5/16	UNINSULATED	.250	.990	.558	.327/.323	.469
BU-191930137	12-10	3/8	UNINSULATED	.250	.990	.558	.400/.394	.469
BU-190700121	12-10	#8	VINYL	.250	1.020	.342	.168/.171	.297
BU-190700123	12-10	#10	VINYL	.250	1.020	.342	.194/.197	.297
BU-190700132	12-10	1/4	VINYL	.250	1.30	.558	.257/.261	.469
BU-190700136	12-10	5/16	VINYL	.250	1.30	.558	.327/.323	.469
BU-190700153	12-10	3/8	VINYL	.250	1.30	.558	.400/.394	.469

**MATERIAL:**

110 COPPER ALLOY 0.038 THICK  
ELECTRO-TIN PLATED .00025"-.0004"



\*ALL DIMENSIONS ARE IN INCHES    \*\*CELL COLOR DEPICTS INSULATION COLOR

Mueller Electric Company  
2850 Gilchrist Rd. Bld 5A  
Akron, OH 44305

[www.muellerelectric.com](http://www.muellerelectric.com)

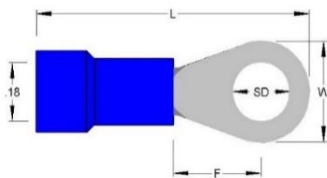
Toll Free: 800.955.2629  
Phone: 330.780.2525  
Fax: 330.780.2524

# 16-14AWG RING TERMINALS

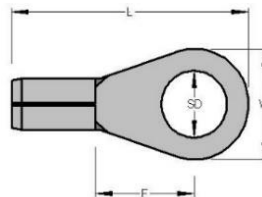
PART NUMBER	AWG SIZE	STUD SIZE	INSULATION MATERIAL	BARREL LENGTH	LENGTH	W	STUD DIAMETER (SD)	F
BU-191640033	16-14	#8	NYAX HEAT SHRINK	.250	1.18	.324	.171/.168	.295
BU-191640034	16-14	#10	NYAX HEAT SHRINK	.250	1.18	.324	.197/.194	.295
BU-191640026	16-14	1/4	NYAX HEAT SHRINK	.250	1.40	.470	.265/.263	.405
AI-50086N	16-14	#6	NYLON	.188	.778	.295	.139/.142	.260
AI-50090N	16-14	#8	NYLON	.250	.930	.324	.168/.171	.295
AI-50100N	16-14	#10	NYLON	.250	.930	.324	.194/.197	.295
AI-50101N	16-14	1/4	NYLON	.250	1.110	.470	.263/.265	.405
AI-50102N	16-14	5/16	NYLON	.250	1.110	.470	.324/.327	.405
AI-50103N	16-14	3/8	NYLON	.250	1.210	.558	.394/.398	.569
BU-191930080	16-14	#8	UNINSULATED	.250	.710	.324	.168/.171	.295
BU-191930082	16-14	#10	UNINSULATED	.250	.710	.324	.194/.197	.295
BU-191930055	16-14	1/4	UNINSULATED	.250	.890	.470	.263/.265	.405
BU-191930074	16-14	5/16	UNINSULATED	.250	.890	.470	.324/.327	.405
BU-190540108	16-14	#6	VINYL	.250	.880	.295	.138/.142	.260
BU-190540110	16-14	#8	VINYL	.250	.930	.324	.168/.171	.295
BU-190540113	16-14	#10	VINYL	.250	.930	.324	.194/.197	.295
BU-190540086	16-14	1/4	VINYL	.250	1.110	.470	.263/.265	.405
BU-190540088	16-14	5/16	VINYL	.250	1.110	.470	.324/.327	.405
BU-190540075	16-14	3/8	VINYL	.250	1.210	.558	.394/.398	.569

**MATERIAL:**  
**110 COPPER ALLOY 0.03 THICK**  
**ELECTRO-TIN PLATED .0001"-.0003"**

**INSULATED**



**UNINSULATED**



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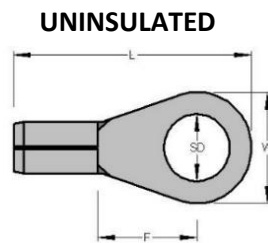
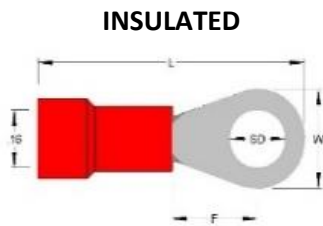
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## 22-18AWG RING TERMINALS

PART NUMBER	AWG SIZE	STUD SIZE	INSULATION MATERIAL	BARREL LENGTH	LENGTH	W	STUD DIAMETER (SD)	F
BU-191640085	22-18	#6	NYAX HEAT SHRINK	.250	1.18	.290	.142/.138	.260
BU-191640086	22-18	#8	NYAX HEAT SHRINK	.250	1.18	.324	.171/.168	.250
BU-191640003	22-18	#10	NYAX HEAT SHRINK	.250	1.18	.324	.197/.194	.250
AI-50020N	22-18	#6	NYLON	.250	.870	.290	.139/.142	.260
AI-50030N	22-18	#8	NYLON	.250	.880	.324	.168/.171	.250
AI-50040N	22-18	#10	NYLON	.250	.880	.324	.194/.197	.250
AI-50041N	22-18	1/4	NYLON	.250	1.110	.470	.260/.265	.405
AI-50042N	22-18	5/16	NYLON	.250	1.10	.470	.324/.327	.405
AI-50043N	22-18	3/8	NYLON	.250	1.20	.558	.394/.398	.469
BU-191930014	22-18	#8	UNINSULATED	.250	.660	.324	.168/.171	.250
BU-191930016	22-18	#10	UNINSULATED	.250	.660	.324	.194/.197	.250
BU-191930021	22-18	1/4	UNINSULATED	.250	.890	.470	.260/.265	.405
BU-191930023	22-18	5/16	UNINSULATED	.250	.860	.470	.324/.327	.405
BU-190540035	22-18	#6	VINYL	.250	.800	0.225	.122/.125	.223
BU-190540054	22-18	#8	VINYL	.250	.880	.324	.168/.171	.250
BU-190540039	22-18	#10	VINYL	.250	.880	.324	.194/.197	.250
BU-190540042	22-18	1/4	VINYL	.250	1.110	.470	.260/.265	.405
BU-190540044	22-18	5/16	VINYL	.250	1.10	.470	.324/.327	.405
BU-190540048	22-18	3/8	VINYL	.250	1.20	.558	.394/.398	.469



**MATERIAL:**

**110 COPPER ALLOY 0.028 THICK  
ELECTRO-TIN PLATED .0001"-.0003"**

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