

# MULTICONDUCTOR RISER RATED SHIELDED BARE COPPER / PVC

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MADE IN AMERICA™



75°C, 300V RISER RATED

### APPLICATIONS

Remote Control, Signalling, and Power-Limited circuits per NEC Article 725. 22AWG - 16 AWG also as communication circuits per NEC Article 800. Security, sound and audio, speaker cable, public address, intercom, sound reinforcement, alarm and access control circuits and power-limited controls.

### CONSTRUCTION

- CONDUCTOR Stranded or solid bare copper as indicated on individual product specifications.
- INSULATION PVC or Polypropylene
- COLOR CODE Listed below chart. Also listed for each item on individual specification sheets.
- SHIELDING Overall - Aluminum foil, polyester reinforced tape and stranded tinned copper drain wire.
- ASSEMBLY Cabled, Shielded, ripcord under jacket; jacketed.
- JACKET PVC

### SPECIFICATIONS

- UL 444 CMR, NEC article 800
- UL 1424 FPLR, NEC article 760
- UL 13 CL3R, NEC article 725
- Flame Test UL 1666 Vertical Riser / CSA FT4 (UL 1581)
- CSA C22.2 CMG by C(UL)
- Directive (EU) 2015 / 863 – RoHS 3

| TYPE                          | PRODUCT BASE # | DESCRIPTION                   | RATING                        | UL TYPE | SHIELDING | CONDUCTOR TYPE | CB NOM DIA MIL | CB LBS/ MFT |
|-------------------------------|----------------|-------------------------------|-------------------------------|---------|-----------|----------------|----------------|-------------|
| MULTICONDUCTOR SHIELDED RISER | R29575         | SY 22/2PR STR CU EPS CMR/CL3R | CMR/CL3R/FPLR SUN RES CMG FT4 | RISER   | SHIELDED  | STRANDED       | 166            | 18.60       |
|                               | R20007         | SY 22/2 STR CU OAS CMR/CL3R   | CMR/CL3R/FPLR SUN RES CMG FT4 | RISER   | SHIELDED  | STRANDED       | 127            | 10.30       |
|                               | R20030         | SY 22/4 STR CU OAS CMR/CL3R   | CMR/CL3R/FPLR SUN RES CMG FT4 | RISER   | SHIELDED  | STRANDED       | 146            | 16.05       |
|                               | R20076         | SY 22/6 STR CU OAS CMR/CL3R   | CMR/CL3R/FPLR SUN RES CMG FT4 | RISER   | SHIELDED  | STRANDED       | 172            | 22.34       |
|                               | R20024         | SY 22/8 STR CU OAS CMR/CL3R   | CMR/CL3R/FPLR SUN RES CMG FT4 | RISER   | SHIELDED  | STRANDED       | 181            | 28.31       |
|                               | R20081         | SY 22/12 STR CU OAS CMR/CL3R  | CMR/CL3R/FPLR SUN RES CMG FT4 | RISER   | SHIELDED  | STRANDED       | 225            | 41.11       |
|                               | R30024         | SY 20/2 STR CU OAS CMR/CL3R   | CMR/CL3R/FPLR SUN RES CMG FT4 | RISER   | SHIELDED  | STRANDED       | 138            | 13.19       |
|                               | R40013         | SY 18/2 STR CU OAS CMR/CL3R   | CMR/CL3R/FPLR SUN RES CMG FT4 | RISER   | SHIELDED  | STRANDED       | 161            | 16.85       |
|                               | R40003         | SY 18/3 STR CU OAS CMR/CL3R   | CMR/CL3R/FPLR SUN RES CMG FT4 | RISER   | SHIELDED  | STRANDED       | 171            | 23.21       |
|                               | R40005         | SY 18/4 STR CU OAS CMR/CL3R   | CMR/CL3R/FPLR SUN RES CMG FT4 | RISER   | SHIELDED  | STRANDED       | 180            | 30.04       |
|                               | R40611         | SY 18/6 STR CU OAS CMR/CL3R   | CMR/CL3R/FPLR SUN RES CMG FT4 | RISER   | SHIELDED  | STRANDED       | 214            | 42.72       |
|                               | R40014         | SY 18/8 STR CU OAS CMR/CL3R   | CMR/CL3R/FPLR SUN RES CMG FT4 | RISER   | SHIELDED  | STRANDED       | 229.7          | 54.80       |
|                               | R40075         | SY 18/12STR CU OAS CMR/CL3R   | CMR/CL3R/FPLR SUN RES CMG FT4 | RISER   | SHIELDED  | STRANDED       | 277.3          | 78.55       |
|                               | A50039         | SY 16/2 STR CU OAS CMR/CL3R   | CMR/CL3R/FPLR SUN RES CMG FT4 | RISER   | SHIELDED  | STRANDED       | 191            | 25.36       |
|                               | R50044         | SY 16/3 STR CU OAS CMR/CL3R   | CMR/CL3R/FPLR SUN RES CMG FT4 | RISER   | SHIELDED  | STRANDED       | 193            | 33.76       |
|                               | R50031         | SY 16/4 STR CU OAS CMR/CL3R   | CMR/CL3R/FPLR SUN RES CMG FT4 | RISER   | SHIELDED  | STRANDED       | 212            | 43.25       |
|                               | R60052         | SY 14/2 STR CU OAS CL3R/FPLR  | CL3R/FPLR SUN RES             | RISER   | SHIELDED  | STRANDED       | 218            | 36.97       |
|                               | R70010         | SY 12/2 STR CU OAS CL3R/FPLR  | CL3R/FPLR SUN RES             | RISER   | SHIELDED  | STRANDED       | 266            | 54.54       |
|                               | R70010         | SY 12/2 STR CU OAS CL3R/FPLR  | CL3R/FPLR SUN RES             | RISER   | SHIELDED  | STRANDED       | 266            | 54.54       |

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|                               | R20076         | SY 22/6 STR CU OAS CMR/CL3R   | CMR/CL3R/FPLR SUN RES CMG FT4 | RISER   | SHIELDED  | STRANDED       | 172            | 22.34       |
|                               | R20024         | SY 22/8 STR CU OAS CMR/CL3R   | CMR/CL3R/FPLR SUN RES CMG FT4 | RISER   | SHIELDED  | STRANDED       | 181            | 28.31       |
|                               | R20081         | SY 22/12 STR CU OAS CMR/CL3R  | CMR/CL3R/FPLR SUN RES CMG FT4 | RISER   | SHIELDED  | STRANDED       | 225            | 41.11       |
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|                               | R40013         | SY 18/2 STR CU OAS CMR/CL3R   | CMR/CL3R/FPLR SUN RES CMG FT4 | RISER   | SHIELDED  | STRANDED       | 161            | 16.85       |
|                               | R40003         | SY 18/3 STR CU OAS CMR/CL3R   | CMR/CL3R/FPLR SUN RES CMG FT4 | RISER   | SHIELDED  | STRANDED       | 171            | 23.21       |
|                               | R40005         | SY 18/4 STR CU OAS CMR/CL3R   | CMR/CL3R/FPLR SUN RES CMG FT4 | RISER   | SHIELDED  | STRANDED       | 180            | 30.04       |
|                               | R40611         | SY 18/6 STR CU OAS CMR/CL3R   | CMR/CL3R/FPLR SUN RES CMG FT4 | RISER   | SHIELDED  | STRANDED       | 214            | 42.72       |
|                               | R40014         | SY 18/8 STR CU OAS CMR/CL3R   | CMR/CL3R/FPLR SUN RES CMG FT4 | RISER   | SHIELDED  | STRANDED       | 229.7          | 54.80       |
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|                               | R50044         | SY 16/3 STR CU OAS CMR/CL3R   | CMR/CL3R/FPLR SUN RES CMG FT4 | RISER   | SHIELDED  | STRANDED       | 193            | 33.76       |
|                               | R50031         | SY 16/4 STR CU OAS CMR/CL3R   | CMR/CL3R/FPLR SUN RES CMG FT4 | RISER   | SHIELDED  | STRANDED       | 212            | 43.25       |
|                               | R60052         | SY 14/2 STR CU OAS CL3R/FPLR  | CL3R/FPLR SUN RES             | RISER   | SHIELDED  | STRANDED       | 218            | 36.97       |
|                               | R70010         | SY 12/2 STR CU OAS CL3R/FPLR  | CL3R/FPLR SUN RES             | RISER   | SHIELDED  | STRANDED       | 266            | 54.54       |
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