# MULTICONDUCTOR RISER RATED SHIELDED BARE COPPER / PVC

## MULTICONDUCTOR RISER RATED SHIELDED BARE COPPER / PVC

c UL us LISTED

WE'VE GOT IT 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 on individual product specifications.
- NSULATION 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 18/12STRCU 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 |

# MULTICONDUCTOR RISER RATED SHIELDED BARE COPPER / PVC

## MULTICONDUCTOR RISER RATED SHIELDED BARE COPPER / PVC

c UL us LISTED

WE'VE GOT IT 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 on individual product specifications.
- NSULATION 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 18/12STRCU 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 |