



Comtran Cable LLC
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Design Specification
Part Number: 32809

DESCRIPTION: 18 AWG 6 conductor shielded sound and security cable Nom. O.D. (in.)

CONSTRUCTION:

| | | |
|----------------|--|------|
| Conductors: | 18 AWG 7 stranded bare copper | |
| Insulation: | 0.0073" nominal wall SR PVC | .060 |
| Core Assembly: | 6 conductors cabled together with a 3" nominal left hand lay | |
| Shield: | Aluminum/polyester tape helically applied with the foil side out | |
| Drain Wire: | 24 AWG 7 strand tinned copper helically applied over the foil shield | |
| Jacket: | 0.014" nominal wall Chrome Gray PVC | .211 |
| | Parallel ripcord located under jacket | |

COLOR CODE: Black, White, Red, Green, Brown, Blue

SPECIFICATIONS: UL 13, Power Limited Circuit Cable
 UL 1424 Power Limited Fire Alarm Circuit Cable
 UL 444, Communication Cables
 UL 1666, Riser Cable Flame Test
 NEC Article 725, 760 and 800

CERTIFICATIONS: UL Listed Type CL3R/FPLR
 C(UL)US Type CMR
 California State Fire Marshal Approved

ELECTRICAL CHARACTERISTICS:

Capacitance: 44 pF/ft nominal conductor to conductor @ 1 KHz
 DC Resistance: 6.79 ohms/Kft max @ 20C

SIGNATURE: _____ DATE: _____

| DRAWING | REV. | DATE | DRWN. | APP. | REMARKS | 32809 |
|---------|------|----------|-------|------|---|-------|
| 32809 | .04 | 1/10/13 | BC | PA | Drain | |
| 2809 | .03 | 08/17/06 | 2me | RHW | Tri rate and add RoHS to print; Add ripcord | |
| 2809 | .02 | 05/13/05 | 2me | RHW | Revised and redrawn | |
| 2809 | .01 | 05/03/02 | RHW | RHW | Revised and redrawn | |