



Conductor:

- AWG: 28AWG
- Material: TC
- Conductor Size: 7/Φ0.125±0.008MM

Jacket:

- Min. Avg. Thick: 0.26MM
- Material: 105°C 45P UL-PVC
- Color: Grey (Half Atomizer)
- OD: 0.90MM±0.10*44.0MM±0.30MM
- Tensile Strength - before aging: 1,500PSI
- Tensile Strength - after aging: 70% Min.(136°C*168H)
- Elongating - before aging: 100% Min
- Elongating - after aging: 65% Min. (136°C*168H)
- Deformation Test: 50% Max. (121°C*1H)
- Cold Bent Test: -10°C*4H No Cracking
- Horizontal Flame Test: VW-1

Electrical:

- Rating: Temp 105°C
- Voltage: 300V
- Dielectric Strength: 2.0KV 60Hz Minute
- Conductor Resistance: at 20°C
- Insulation Resistance: 100M/M Min. @500V DC
- Max: 237.25Ω/KM
- UL File No. E189529
- UL Style: 2651-VW-1

| | | | | | | | | | |
|-----------|-------|--|--|--|--|----------|---------|--------|--|
| Scale | 1:1 | | | | | | | Name | Item No. |
| TOLERANCE | | | | | | Drawn | 4/20/12 | Miller | AWG28-25/G-1/300-R |
| X.X | ±0.40 | | | | | Approved | 4/20/12 | Warner | |
| X.XX | ±0.25 | | | | | | | | Title Grey Ribbon Cable, 28AWG, 1.0MM Pitch, 25 Conductors, 300 Feet, 13' Reel |
| X.XXX | ±0.15 | | | | | | | | |
| Angle | ±3° | | | | | | | | Drawing No. |
| | | | | | | | | | rev00 |
| | | | | | | | | | Replace |
| | | | | | | | | | Sheet |

