

# CCTV / MATV CABLE

## RG-6 TYPE

### Application :

RG 6 drop cable suitable for CATV/MATV, Broadband, HDTV and Satellite Broadcasting Transmission use. RG 6 can be used as a branch cable.

### Standard Construction :

18 AWG (1.02mm (0.040in.)) copper covered steel center conductor; gas expanded polyethylene dielectric; inner shield aluminum-polypropylene-aluminum laminated tape with overlap bonded to dielectric; outer shield of 34 AWG (0.16 mm) bare aluminum braid wire; jacket of black PVC (LSZH optional) Nominal outside diameter is 6.91 mm. (0.272 in.). Messenger Breaking Strength (Min) is 82 kgf.



PVC Jacket



PVC Jacket with Messenger

### Physical Dimensions :

| Component                                 | Standard | Shield | Tri-Shield |       | Quad-Shield |       |
|---|----------|--------|------------|-------|-------------|-------|
|   | mm       | inch   | mm         | inch  | mm          | inch  |
| Nominal Center Conductor Diameter         | 1.02     | 0.040  | 1.02       | 0.040 | 1.02        | 0.040 |
| Nominal Diameter Over Dielectric          | 4.57     | 0.180  | 4.57       | 0.180 | 4.57        | 0.180 |
| Nominal Diameter Over First Shield (Tape) | 4.75     | 0.187  | 4.75       | 0.187 | 4.75        | 0.187 |
| Nominal Diameter Over Jacket              | 6.91     | 0.272  | 7.06       | 0.278 | 7.62        | 0.300 |
| Nominal Jacket Wall Thickness             | 0.76     | 0.030  | 0.76       | 0.030 | 0.86        | 0.034 |
| Nominal Diameter of Steel Messenger       | 1.30     | 0.051  | 1.30       | 0.051 | 1.30        | 0.051 |

### Cable Description :

| Part Name   | Shield Type | Product Description  |
|-------------|-------------|--|
| C-RG6-S60   | Std         | Bonded foil, 60% braid, PVC jacket , 18 AWG, 1C , 1/1.024 mm                 |
| C-RG6-S60-M | Std         | Bonded foil, 60% braid, PVC jacket with Messenger , 18 AWG, 1C , 1/1.024 mm  |
| C-RG6-S90   | Std         | Bonded foil, 90% braid, PVC jacket , 18 AWG, 1C , 1/1.024 mm                 |
| C-RG6-S90-M | Std         | Bonded foil, 90% braid, PVC jacket with Messenger , 18 AWG, 1C , 1/1.024 mm. |

