

# 75 Ohm Coaxial Drop Cable, RG6, CCS, APA, 60% ALB

## Construction

| Material         | Detail                                   | mm        |
|------------------|------------------------------------------|-----------|
| Inner Conductor  | Copper Clad Steel (CCS)                  | 1.02      |
| Dielectric       | Foam PE                                  | 4.57      |
| First Shield     | Aluminum/Polymer/Aluminum (APA) bonded   | N.A       |
| Second Shield    | 34 AWG Aluminum Braid (ALB) 60% coverage | N.A       |
| Jacket           | PVC CMR / LSZH / PE                      | 6.93      |
| Messenger        | 18 AWG Galvanized Steel Wire             | N.A       |
| Fire Performance | IEC 60332-1                              | N.A       |
| Bending Radius   |                                          | 10 x O.D. |

## Electrical Characteristics

|                            |                                                         |
|----------------------------|---------------------------------------------------------|
| Impedance, $\Omega$        | 75 $\pm$ 3.0 Ohm                                        |
| Capacitance, Nominal       | 52 $\pm$ 3 pF/m                                         |
| Velocity of Propagation, % | > 83 %                                                  |
| Return Loss                | 5 - 1000 MHz $\geq$ 20dB<br>1000 - 3000 MHz $\geq$ 20dB |

## Ordering Information

| P/N     | Product Description                                | P.U       |
|---------|----------------------------------------------------|-----------|
| RG6576M | RG6 Drop, CCS. 60% Aluminum Braid, PVC CMR, 75 Ohm | 500m/reel |
| RG6276M | RG6 Drop, CCS. 60% Aluminum Braid, LSZH, 75 Ohm    | 500m/reel |
| RG6676M | RG6 Drop, CCS. 60% Aluminum Braid, PE, 75 Ohm      | 500m/reel |

## Application

RG6 75 Ohm coaxial is used for cable television, satellite television and cable modems. Can expect distances of about 305m - 457m.

Suitable for CATV applications.

## Fire Rating

- IEC 60332-1