

75 Ohm Coaxial Cable, Series RG6, CCS, APA, 90% ALB

| Construction | Material | Nominal Diameter (mm) |
|------------------|--|-----------------------|
| Inner Conductor | Copper Clad Steel (CCS) | 1.02 |
| Dielectric | Foam PE | 4.57 |
| First Shield | Aluminum/Polymer/Aluminum (APA) Bonded | 4.75 |
| Second Shield | 34 AWG Aluminum Braid (ALB) 90% coverage | na |
| Jacket | PVC / PVC CM / LSZH | 6.93 |
| Fire Performance | IEC 60332-1 | na |
| Bending Radius | 10 x cable diameter | na |

Electrical Characteristics

| | |
|-------------------------|---|
| Impedance | 75 ± 3.0 Ohm |
| Capacitance | 52 ± 3 pF/m |
| Velocity of Propagation | > 83 % |
| Return Loss | 5 - 1000 MHz ≥ 20dB 1000 - 3000 MHz ≥ 20dB |

Attenuation (+/- 10% @ Temperature 20° Celcius)

| Frequency (MHz) | Nominal (db/100m) |
|-----------------|-------------------|
| 5 | 1.9 |
| 55 | 4.92 |
| 100 | 6.56 |
| 211 | 9.41 |
| 500 | 14.79 |
| 750 | 18.43 |
| 870 | 19.98 |
| 1000 | 21.45 |
| 1450 | 25.88 |
| 1750 | 28.67 |
| 1850 | 29.49 |
| 2000 | 30.64 |
| 2250 | 32.5 |
| 2500 | 34.24 |
| 2700 | 35.59 |
| 3000 | 37.52 |

Operating Temperature -25°C to 65°C

Sheath Color and Marking

Black UV resistance outer jacket (Other color option with MOQ), marked with 1 meter interval as below print legend.

Print Legend

DRAKA MMS COAXIAL RG-6 <P/N> 75 Ohm <JACKET TYPE> <FACTORY CODE> <BATCH CODE> <XXX>M

Ordering Information

| Part No | Product Description | PACKING |
|---------|---|-----------|
| RG6174 | RG6, CCS, APA, 90% Aluminum Braid, PVC, 75 Ohm | 500m/reel |
| RG6774 | RG6, CCS, APA, 90% Aluminum Braid, PVC CM, 75 Ohm | 500m/reel |
| RG6274 | RG6, CCS, APA, 90% Aluminum Braid, LSZH, 75 Ohm | 500m/reel |

For more information on Draka Multimedia Specials products or Draka UC Structured Cabling Solution, please email

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to ensure the specimen is not lost. The specimen is not consistently lost since specimens submitted by a group