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CATV Coaxial Cables

Foam PE Dielectric

Technical Data

| | RG-59 | | RG-6 | | RG-11 | |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | ABC | CCS | ABC | CCS | ABC | CCA |
| Conductor Diameter (mm) | 0.81 | 0.81 | 1.02 | 1.02 | 1.63 | 1.63 |
| Diameter over dielectric (nominal, mm) | 3.75 | 3.75 | 4.57 | 4.57 | 7.10 | 7.10 |
| Shield | Al Foil + Braid | Al Foil + Braid | Al Foil + Braid | Al Foil + Braid | Al Foil + Braid | Al Foil + Braid |
| Over all Diameter (mm) | 6.0 | 6.0 | 7.0 | 7.0 | 10.0 | 10.0 |
| | PVC | PVC | PVC/PE | PVC/PE | PVC/PE | PVC/PE |
| Min. bending radius (mm) | 70 | 70 | 100 | 100 | 140 | 140 |
| Impedance (Ω) | 75 | 75 | 75 | 75 | 75 | 75 |

Attenuation

| Frequency (MHz) | RG-59 ABC | RG-59 CCS | RG-6 ABC | RG-6 CCS | RG-11 ABC | RG-11 CCA |
|-----------------|-----------|-----------|----------|----------|-----------|-----------|
| 5 | 2.60 | 2.60 | 1.90 | 1.90 | 1.25 | 1.25 |
| 55 | 6.20 | 6.20 | 5.25 | 5.25 | 3.15 | 3.15 |
| 83 | 7.62 | 7.62 | 6.45 | 6.45 | 3.86 | 3.86 |
| 187 | 10.80 | 10.80 | 9.41 | 9.41 | 5.86 | 5.86 |
| 211 | 11.47 | 11.47 | 10.00 | 10.00 | 6.23 | 6.23 |
| 250 | 12.37 | 12.37 | 10.82 | 10.82 | 6.72 | 6.72 |
| 300 | 13.43 | 13.43 | 11.65 | 11.65 | 7.38 | 7.38 |
| 350 | 14.50 | 14.50 | 12.63 | 12.63 | 7.94 | 7.94 |
| 400 | 15.40 | 15.40 | 13.61 | 13.61 | 8.53 | 8.53 |
| 450 | 16.30 | 16.30 | 14.43 | 14.43 | 9.02 | 9.02 |
| 500 | 17.20 | 17.20 | 15.09 | 15.09 | 9.51 | 9.51 |
| 550 | 17.96 | 17.96 | 16.08 | 16.08 | 9.97 | 9.97 |
| 600 | 18.71 | 18.71 | 16.73 | 16.73 | 10.43 | 10.43 |
| 750 | 21.04 | 21.04 | 18.54 | 18.54 | 11.97 | 11.97 |
| 865 | 22.70 | 22.70 | 20.01 | 20.01 | 13.05 | 13.05 |
| 1000 | 24.51 | 24.51 | 21.49 | 21.49 | 14.27 | 14.27 |

Attenuation in dB/100m at 20° C; Tolerance $\pm 7\%$. For RG-59 - Attenuation in dB/92m at 20° C; Tolerance $\pm 7\%$

Electrical Properties

| Parameters | RG-59 ABC | RG-59 CCS | RG-6 ABC | RG-6 CCS | RG-11 ABC | RG-11 CCA |
|-----------------------------------|-----------|-----------|----------|----------|-----------|-----------|
| DC Resistance (Ω /km) | | | | | | |
| Center Conductor | 34.81 | 185.00 | 21.11 | 127.00 | 8.60 | 12.00 |
| Impedance (Ω) | 75.00 | 75.00 | 75.00 | 75.00 | 75.00 | 75.00 |
| Velocity of Propagation (Nominal) | 85% | 85% | 85% | 85% | 85% | 85% |

The above cables are also available in CCA/CCS construction. Braiding available in Aluminium and Copper Conductor

