

## LOW LOSS CABLE

### CFD400

#### Physical Characteristics

| Type Nr. | Inner Conductor O.D.<br>in (mm) | Dielectric O.D.<br>in (mm)       | Outer Conductor O.D.<br>in (mm)                                                                       | Standard Jacket<br>in (mm) | Weight<br>Kg/m |
|----------|---------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------|----------------|
| CFD400   | .109 (2.77)<br>Copper-clad      | .285 (7.24)<br>closed-cell<br>PE | .320 (8.13)<br>Sealed Al./<br>Mylar*/Al.+<br>Tinned copper<br>braid,<br>85%<br>1.65 / Mft<br>5.41 /km | .405 (10.3)<br>Black PVC   | 0.108          |

#### Electrical Characteristics

| Nominal Impedance<br>(ohms) | Nominal Velocity of Propagation | Capacitance<br>PF/ft (pF/m) | Nominal Attenuation |          |         |
|-----------------------------|---------------------------------|-----------------------------|---------------------|----------|---------|
|                             |                                 |                             | MHz                 | dB/100ft | dB/100m |
| 50                          | 85%                             | 24.0 (78.4)                 | 30                  | 0.7      | 2.2     |
|                             |                                 |                             | 50                  | 0.9      | 2.9     |
|                             |                                 |                             | 150                 | 1.5      | 5.0     |
|                             |                                 |                             | 220                 | 1.9      | 6.1     |
|                             |                                 |                             | 450                 | 2.7      | 8.9     |
|                             |                                 |                             | 900                 | 3.9      | 12.8    |
|                             |                                 |                             | 1500                | 5.1      | 16.8    |
|                             |                                 |                             | 2000                | 6.0      | 19.6    |
|                             |                                 |                             | 2500                | 6.8      | 22.2    |
| 5800                        | 10.8                            | 35.5                        |                     |          |         |