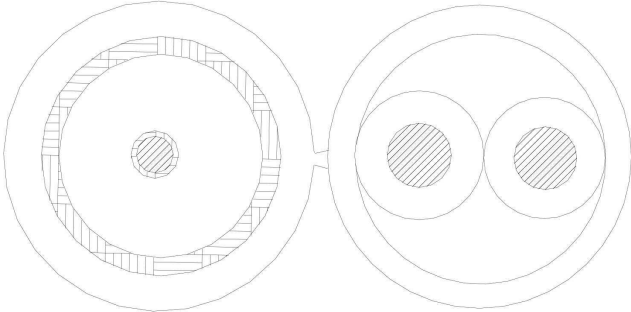


# Combo Siamese Cable

## RG59 + 18/2 Power Cable



### Construction

|                         |          |                             |
|-------------------------|----------|-----------------------------|
| <b>Center Conductor</b> |          | <b>Solid Copper</b>         |
| AWG                     |          | 20                          |
| Diameter                | (inches) | 0.03228                     |
| <b>Insulation</b>       |          | <b>Skin Foamed PE</b>       |
| Nom. Thickness          | (inches) | 0.0559                      |
| Insulation Diameter     | (inches) | 0.14409                     |
| <b>Braid Shield</b>     |          | <b>Copper Clad Aluminum</b> |
| Coverage Area           | (%)      | 95                          |

### Power

|                         |            |            |
|-------------------------|------------|------------|
| <b>Center Conductor</b> |            | <b>CCA</b> |
| AWG                     |            | 18         |
| <b>Jacket</b>           | <b>PVC</b> | <b>PVC</b> |
| Nom. Thickness (inches) | 0.0307     | 0.0314     |
| Cable Diameter (inches) | 0.1756     | 0.2358     |

### Cable Marking

RG59/U 95% 2C 18AWG \*\*\*\*FT

### Electrical Performance

| Frequency<br>(MHz) | Attenuation<br>(dB/100m) |
|--------------------|--------------------------|
| 1                  | 1.15                     |
| 50                 | 5.71                     |
| 100                | 8.20                     |
| 200                | 11.61                    |
| 400                | 16.73                    |
| 700                | 22.15                    |
| 1000               | 28.87                    |

### Electrical Characteristics

|                         |               |           |
|-------------------------|---------------|-----------|
| Temperature Rating      | (°C)          | -20 to 60 |
| Impedence               | (± 3.0 Ohms)  | 75        |
| Capacitance             | (pF/ft)       | 15.5      |
| Conductor DCR@20° C     | (ohms/1000ft) | 28.6      |
| Velocity of Propagation | (%)           | 84        |
| ROHS Compliant          |               | Yes       |

### Part Numbers

| Part #              | Color | Put-up |           |
|---------------------|-------|--------|-----------|
| RG59-18/2-Z-3B-1000 | Black | 1,000' | Reel      |
| RG59-18/2-Z-3W-1000 | White | 1,000' | Reel      |
| RG59-18/2-Z-3B-500  | Black | 500'   | EASY PULL |
| RG59-18/2-Z-3W-500  | White | 500'   | EASY PULL |