

# Hills

## Coaxial Cable Range



Hills BC85087 RG6 FTA/SAT Quad Shield 100m Reel



Hills BC85085 RG6 FTA/SAT Quad Shield 305m Box



Belden BC71502 RG6 Quad Shield 152m Reel

### Models Available

|          |   |
|----------|---|
| BC85087  | Hills BC85087 RG6 FTA/SAT Quad Shield 100m Reel |
| BC85084  | Hills BC85084 RG6 FTA/SAT Quad Shield 305m Reel |
| BC85085  | Hills BC85085 RG6 FTA/SAT Quad Shield 305m Box  |
| BC71135A | Hills BC71135A RG59 Std. Unbonded 100M Reel     |
| BC46034  | Belden BC46034 RG11 Quad Shield 305m Reel       |
| BC8713   | Belden BC8713 RG11 Quad Shield 305m Reel        |
| BC74625  | Belden BC74625 RG6 Quad Shield 100m Reel        |
| BC46032  | Belden BC46032 RG6 Quad Shield 305m Reel        |
| BC84474  | Belden BC84474 RG6 Quad Shield 305m Box         |
| BC87149  | Belden BC87149 RG6 Quad Flooded 305M Reel       |
| BC71502  | Belden BC71502 RG6 Quad Shield 152m Reel        |
| BC73785  | Belden BC73785 RG6 Tri Shield 152m Reel         |
| BC46044  | Belden BC46044 RG6 Tri Shield 305m Reel         |

## Specifications

| SKU                    | BC85087  | BC85084 | BC85085 | BC74625         | BC46032 | BC84474                             | BC87149 | BC71502  | BC73785 | BC46044  | BC46034   | BC8713                     | BC71135A        |
|------------------------|--|---------|---------|-----------------|---------|-------------------------------------|---------|--|---------|----------|---|----------------------------|-----------------|
| Minimum Return Loss    | > 20dB @ 5 – 3000MHz   |         |         |                 |         |                                     |         |  |         |          |   |                            |                 |
| Max Attenuation        | 38.84dB/100m @ 3,000MHz                                      |         |         |                 |         |                                     |         |  |         |          | 25.86dB/100m @<br>3,000MHz                                  | 25.86dB/100m @<br>1,000MHz |                 |
| Impedance (ohm)        | 75   |         |         |                 |         |                                     |         |  |         |          |   |                            |                 |
| Min. Bend Radius       | 70 mm  |         |         | 76.2 mm         |         |                                     |         |  |         | 101.6 mm |   | 63.5 mm                    |                 |
| Operating Temp         | - 20° to +70° C  |         |         | - 40° to +80° C |         |                                     |         |  |         |          |   |                            | - 20° to +70° C |
| Overall Dia.           | 7.54mm   |         |         |                 |         | 2 x<br>7.54mm<br>Joined<br>Figure-8 |         | 2 x<br>7.10mm<br>Joined<br>Figure-8                          |         | 7.10mm   | 10.39mm   |                            | 6.0mm           |
| Outer Jacket Material  | Black PVC  |         |         |                 |         |                                     |         |  |         |          |   |                            |                 |
| Outer Shield Materials | 4 Layers:<br>2 x Aluminium Tape<br>2 x Aluminium Braid Wires |         |         |                 |         |                                     |         | 3 layers:<br>2 x Aluminium Tape<br>1 x Aluminium Braid Wires |         |          | 4 layers<br>2 x Aluminium Tape<br>2 x Aluminium Braid Wires |                            |                 |
| Insulation Dia.        | 4.57 mm  |         |         |                 |         |                                     |         |  |         |          | 7.12 mm   |                            | 3.70 mm         |
| Insulation Material    | Foamed Polyethylene  |         |         |                 |         |                                     |         |  |         |          |   |                            |                 |
| Conductor Dia.         | 1.02 mm  |         |         |                 |         |                                     |         |  |         |          | 1.63 mm   |                            | 0.81 mm         |
| Conductor (AWG)        | 18   |         |         |                 |         |                                     |         |  |         |          | 14  |                            | 20              |