

# dByPRO698WV

# dByPRO698BV



## RG6 Shield 98%

75 Ohms Coaxial Cable

dByPRO698WV / dByPRO698BV

White Jacket      Black Jacket

### DIMENSIONS AND CONSTRUCTION

#### CENTER CONDUCTOR:

1.02 mm (18AWG) CCS 30% with SUPER GUARD

#### DIELECTRIC:

Foam PE Dielectric Diameter 4.57 mm

#### OUTER CONDUCTOR:

FOIL (SHIELD): Aluminum Polypropylene Aluminum tape with overlap around dielectric with 100% coverage of dielectric Diameter 4.75 mm BRAID (SHIELD): Aluminum alloy braided wire 168/0.12 mm 36 AWG with coverage 98% with SUPER GUARD

#### JACKET:

Polyvinylchloride with suitable pigment and antioxidants to protect the insulating material from environment and ultraviolet deterioration Diameter 6.91 mm White and Black Color

#### PRINTING:

dBy PRO SUPER GUARD COAXIAL CABLE  
RG6/U dByPRO698BV SHIELD 98% (with meter mark)

#### PACKAGING:

305m/Roll

#### ELECTRICAL PROPERTIES

Nominal Impedance: 75 ± 3 Ohms

Nominal Capacitance: 54 ± 3 pF/m

Nominal Velocity of Propagation: 82%

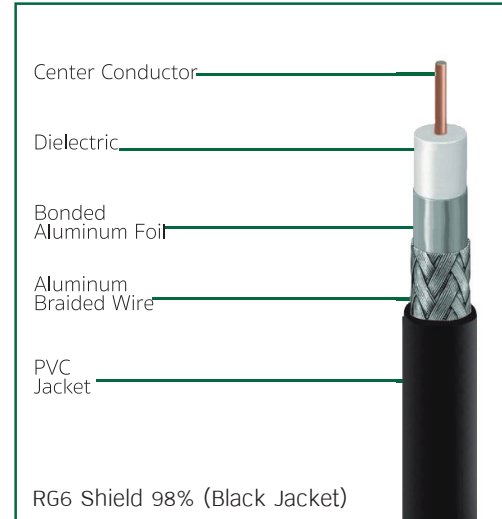
Screening Efficiency: 30-1000 MHz > 85 dB

1000-2000 MHz > 75 dB

2000-3000 MHz > 65 dB

Structural Return Loss: 5-1000 MHz ≥ 20 dB

1000 – 3000 MHz ≥ 15 dB



#### ATTENUATION (68 Degrees F (20 Degrees C))

Frequency MHz	dB/100 ft	dB/100 m
5 MHz	0.58 dB	1.90 dB
55 MHz	1.60 dB	5.25 dB
211 MHz	3.05 dB	10.00 dB
250 MHz	3.30 dB	10.82 dB
270 MHz	3.37 dB	11.04 dB
300 MHz	3.55 dB	11.64 dB
330 MHz	3.74 dB	12.26 dB
350 MHz	3.85 dB	12.63 dB
400 MHz	4.15 dB	13.61 dB
450 MHz	4.40 dB	14.43 dB
500 MHz	4.66 dB	15.29 dB
550 MHz	4.90 dB	16.08 dB
600 MHz	5.10 dB	16.73 dB
750 MHz	5.65 dB	18.54 dB
870 MHz	6.11 dB	20.04 dB
1000 MHz	6.55 dB	21.49 dB
1300 MHz	7.47 dB	24.49 dB
1450 MHz	7.90 dB	25.89 dB
1750 MHz	8.74 dB	28.67 dB
2150 MHz	9.70 dB	31.79 dB
2600 MHz	10.77 dB	35.30 dB
2832 MHz	11.51 dB	37.74 dB
3000 MHz	11.85 dB	38.84 dB