
PRODUCT DESCRIPTION:

BONDED FOIL, 60% BRAID, PVC JACKETT

>>CENTER CONDUCTOR:

 18 AWG COPPER COVERED STEEL
 NOMINAL DIAMETER: 0.0403" (1.02 mm)

>>DIELECTRIC:

 GAS EXPANDED POLYETHYLENE
 NOMINAL DIAMETER OVER DIELECTRIC: 0.180" (4.57 mm)

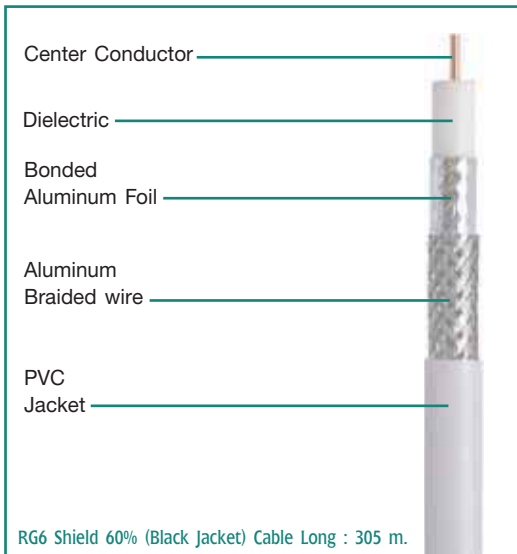
>>SHIELD:

 1ST SHIELD: ALUMINUM-POLYPROPYLENE-ALUMINUM
 LAMINATED TAPE WITH OVERLAP BONDED TO THE
 DIELECTRIC
 NOMINAL DIAMETER OVER TAPE: 0.187" (4.75 mm)
 2ND SHIELD: 34 AWG ALUMINUM BRAID WIRE
 60% COVERAGE

>>JACKET:

 PVC
 NOMINAL DIAMETER OVER JACKET: 0.272" (6.91 mm)
 NOMINAL JACKET THICKNESS: 0.030" (0.76 mm)

>>ELECTRICAL PROPERTIES:

 IMPEDANCE: 75.0 +/- 3.0 Ohms
 VELOCITY OF PROPAGATION: 85.0% NOMINAL
 STRUCTURAL RETURN LOSS: 5 MHz to 1000 MHz >20 dB
 1000 to 3000 MHz >15 dB
 NOMINAL DC RESISTANCE (Ohms/km): Center Conductor: 100.1
 Outer Conductor: 34.4

ATTENUATION: @ 68°F (20°C)

@ Frequency MHz	dB/100 meters (MAX.)
1 MHz	1.21 dB
10 MHz	2.16 dB
50 MHz	4.62 dB
100 MHz	6.30 dB
200 MHz	8.66 dB
400 MHz	12.23 dB
700 MHz	16.56 dB
900 MHz	18.99 dB
1000 MHz	20.04 dB
1200 MHz	22.07 dB
1450 MHz	24.57 dB
1800 MHz	27.65 dB
2200 MHz	30.67 dB
2500 MHz	32.70 dB
3000 MHz	35.82 dB

