



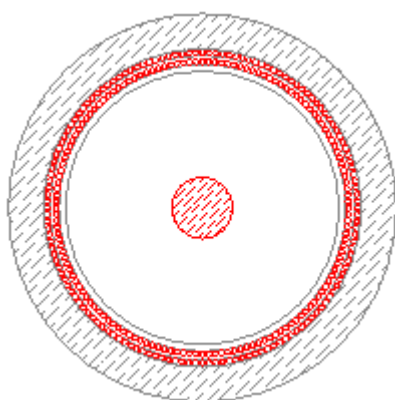
Data Sheet

BT 2003 COAX 100m

RS Stock No. 520-3052

ENGLISH

Cross Section:



Description:

Rated Temperature (°C): -20 ~ 80

Rated Voltage (V):30

Construction:

Conductor: Bare Copper

Conductor Dia. (mm): 0.61±0.01

Insulation: Solid PE

Insulation Dia. (mm): 3.7±0.1

Braid Shield 1: Bare Copper

Conductor Dia. (mm): 0.15+/-0.008

Conductor Qty: 24x5

Pitch(mm):

Coverage: 93%

Braid Shield 2: Bare Copper

Conductor Dia. (mm): 0.15+/-0.008

Conductor Qty: 24x5

Pitch(mm):

Coverage: 92%

Jacket: PVC

Outer Dia. (mm): 6.7±0.2

Colour:

The color of the insulation: Nature

The jacket color: White

Marking(3times/m):

RS 5203052 BT2003 COAXIAL CABLE

Performance:

Electrical Characteristics:

Frequency	Attenuation(dB/100M)
1MHz	1.0
5 MHz	2.4
10 MHz	3.3
50 MHz	7.6
100 MHz	10.9

Specified value (max.) is not more than 108% of the nominal value

Character Impedance: 75±3 ohm

Capacitance: 67pF/M

Velocity ratio(%) : 66.7%

20°C, Max.Conductor DC Resistance (Ω/Km) :
<65.9

Min.Insulation DC Resistance(MΩ*Km) :
>500

Strippability(Centre conductor from the dielectric
30mm) : 8<F<18N

Strippability(The sheath from the cable 30mm) :
15<F<25