



ENGLISH

## Datasheet

**RS Coaxial Cable, Brown FEP Sheath, 100m,  
RG178, 1.8mm OD, 0.102 mm**

**Stock Number – 794-7212**



### Description:

**Rated Temperature (oC): -70 ~ 200**

**Rated Voltage (V): 1000 dc ; 600 rms**

**Product Standard Certification:**

**Flammability Test:**



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**Construction:**

**Conductor:** Silver Plated Copper  
Clad Steel

**Conductor Dia. (mm):**  $0.10 \pm 0.02 \times 7$

**Insulation:** PTFE

**Insulation Dia. (mm):**  $0.86 \pm 0.05$

**Braid Shield :** Silver Plated Copper

**Conductor Dia. (mm):** 0.10

**Conductor Qty:** 16x3

**Coverage:**  $96 \pm 4\%$

**Jacket:** FEP

**Outer Dia. (mm):**  $1.85 \pm 0.10$

**Colour:**

**The colour of the insulation:**

Nature

**The jacket colour:** Brown

**Marking(3times/m):**

RS 7947212 Cable Coax RG178 B/U

FEP brown

**Performance:****Electrical Characteristics:****Frequency Attenuation(dB/100M)**

10MHz 19

200MHz 63

400MHz 92

1000MHz 151

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

**Character Impedance:** 50 ohm**Capacitance:** 95pF/M**Velocity ratio(%) :** 69.5%