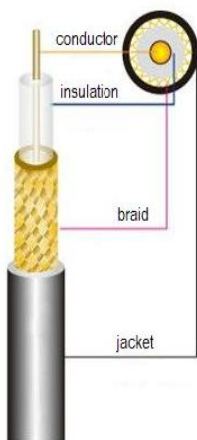


SYV-50-3



Insulation

Inner Conductor

Outer Conductor

Characteristic Impedance

Capacitance

Velocity ratio

DCR: Inner Conductor

DCR: Outer Conductor

Jacket Sparker

Dielectric Strength

50±2ohm

98pF/m

66 %

< 38 ohm/km

< 15.5 ohm/km

4000 VCA

1500 VCA

SWR

50-1000MHz

< 1.30

Attenuation (at 20 °C)

dB/100ft

dB/100m

1 MHz

0.30

1.10

10 MHz

1.10

3.60

50 MHz

2.50

8.20

100 MHz

3.80

12.50

200 MHz

5.60

18.40

400 MHz

8.40

27.60

700 MHz

11.70

38.40

900 MHz

13.70

44.90

1000 MHz

14.50

47.60

Inner Conductor

Conductor Dia.

BC

Min.Break Strength (N)

0.813 +/-0.01mm

239

Insulation

Insulation Dia.

Solid P.E.

Color

2.95 +/-0.10mm

Centricity

Neutral

Adhesion

≥ 85 %

20 to 60N @ 300mm

Outer Conductor

Conductor Dia.

BC Wire Braid

Coverage

0.11 +/-0.01mm

90 +/-3%

Jacket

Outer Dia (±0.1mm)

PVC

Color

4.95 +/-0.10mm

Adhesion

According to customer

20 to 80N @ 50mm

Marking

According to customer

PACKAGING

Min.Bending Radius:

Installation

Repeated

14 mm

50 mm

Max.Pulling Tension

245

Crush resistance of cable (load of 700N)

< 1 %

Rated Temperature

Storage/operating temperature

-40~+80 °C

Cadmium content (Cd)

< 0.01 %

Lead content (Pb)

<0.1 %

Mercury content (Hg)

<0.1 %

Chromium (VI) content

<0.1 %

Polybrominated Biphenyls (PBB)

<0.1 %

Define by:

Rev: A/1

Prepared by:Zell

Date: 2016-4-2