

# Part# 7626-150HC (PT400-150-SNM-SNM) 50 Ohms Coaxial Cable

This cable is compatible with Honeywell AlarmNet Security Alarm Systems **GSMV, GSMV4G, iGSMV4G, VISTA-GSM, VISTA-GSM4G, iGSMHS, iGSMHS4G** and Fire Alarm Systems **iPGSM-4G and iGSMCFP4G**



## CONSTRUCTION

Inner Conductor  
Insulation  
Outer Conductor  
Jacket



## PROPERTIES

**Min. Bending Radius:** 25.4 mm  
**Max. Pulling Tension** 740 N  
**Crush resistance of cable (load of 700f** < 1 %  
**Admissible Ambient Temperature** -40~+85 °C

## PHYSICAL SPECIFICATIONS

<b>Center Conductor</b>	Solid CCA
Conductor Dia.(+/-0.02mm)	2.74
Min. Break Strength (N)	640
<b>Insulation</b>	Foamed Polyethylene
Insulation Dia.(+/-0.10mm)	7.24
Color	Neutral
Centricity (%)	≥ 90
Adhesion	10 to 100N @ 25mm
<b>1st Outer Conductor</b>	Bonded Aluminum Foil
Overlapping	≥ 115%
Dia.(+/-0.10mm)	7.39
<b>2nd Outer Conductor</b>	Tinned Copper Braid
Conductor Dia.(+/-0.01mm)	0.15
No. of Wires	192
Coverage (+/-3%)	95
<b>Outer Jacket</b>	PE
Outer Dia (+/-0.10mm)	10.29
Tensile strength	≥ 16.2 N/mm <sup>2</sup>
Elongation at break	≥ 700 %
Adhesion	20 to 80N @ 50mm

## ELECTRICAL CHARACTERISTICS

<b>Characteristic Impedance</b>	50 +-3ohm
<b>Capacitance</b>	78 ±3pF/m
<b>Velocity Ratio</b>	> 85 %
<b>DC Resistance: Centre Conductor</b>	< 4.60 ohm/km
<b>DC Resistance: Outer Conductor</b>	< 5.40 ohm/km
<b>Peak Power rating</b>	16.00 Kw
<b>Cut Off Frequency</b>	16.20 GHz
<b>Insulation Resistance</b>	> 5,000 MΩ·km
<b>Dielectric Strength</b>	1600 VAC
<b>Voltage Withstand</b>	2500 VDC
<b>Screening Factor at 1 - 1000MHz</b>	> 90 dB
<b>Frequency</b>	<b>Attenuation (at 20 °C)</b>
30 MHz	0.67 dB/100Ft
50 MHz	0.88 dB/100Ft
100 MHz	1.31 dB/100Ft
150 MHz	1.52 dB/100Ft
220 MHz	1.86 dB/100Ft
450 MHz	2.71 dB/100Ft
900 MHz	3.90 dB/100Ft
1500 MHz	5.12 dB/100Ft
1800 MHz	5.67 dB/100Ft
2000 MHz	5.97 dB/100Ft
2500 MHz	6.77 dB/100Ft
3000 MHz	7.62 dB/100Ft
5800 MHz	10.8 dB/100Ft