

# #4116 - 2 Pair RS-422 Cable, 100m reel



Part NO: #4116

Product Code: RGW-1922

## Product Description

### Reference Standard

Data Cable suitable for RS-422 Applications

### Multi-construction

#### 2 Pair

#### Cable Construction

<b>Conductor</b>	<b>Tinned Copper</b>
Construction	$T0.20 \pm 0.008 \times 7$
Standard Dia.(mm)	0.6
<b>Insulation</b>	<b>Foam PE-Skin</b>
Thickness	0.41
Insulation Dia.(mm)	$1.42 \pm 0.05 \times 2C$ Twist
Insulation Color	According to customer
<b>Al-Pet Shield</b>	$\geq 115\%$
<b>Drain wire</b>	<b>Tinned Copper</b>
Construction	$T0.20 \pm 0.008 \times 7$
<b>Shielded</b>	<b>Tinned Copper</b>
Construction	$T0.20 \pm 0.008 \times 16 \times 8$
Braiding coverage	$\geq 70\%$
<b>Jacket</b>	<b>PVC</b>
Thickness(mm)	0.64
Dia.( $\pm 0.15$ mm)	7.2
Jacket Color	Grey

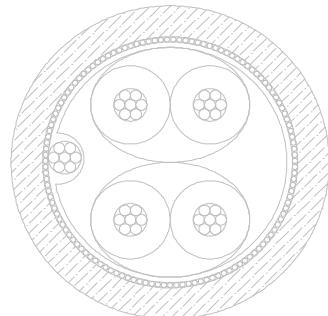
### Marking

2 pair 24 AWG RS-422 Data Cable [MeterMark]

### PACKAGING

100M/Wooden Drum

## Design



### A: Electrical Characteristics

Max.Conductor DC Resistance at 20°C (Ω / Km)	<91.5				
Min.Insulation DC Resistance at 20°C (MΩ * Km)	>200				
Rated Temperature(°C)	25 to 80				
Rated Voltage (V)	300				
Attenuation	<table border="1"> <tr> <td>1 MHz</td> <td>2.3 dB/100m</td> </tr> <tr> <td>10 MHz</td> <td>8.2 dB/100m</td> </tr> </table>	1 MHz	2.3 dB/100m	10 MHz	8.2 dB/100m
1 MHz	2.3 dB/100m				
10 MHz	8.2 dB/100m				
Characteristic Impedance @ 1 MHz	100 Ohms				
Capacitance	89pF/m				
UL Reference	UL 2919				

Pair #	Colour	
1	Black	Red
2	Black	White

## RoHS GUIDELINE

We operate according to the following standards

Control Item	Standard	Testing Method	Testing Equipment
Cadmium content (Cd)	<0.01%	EN1122	ICP-AES
Lead content (Pb)	<0.1%	EPA3050B	ICP-AES
Mercury content (Hg)	<0.1%	EPA3052	ICP-AES
Chromium (VI) content	<0.1%	EPA3060(UN-VIS)	ICP-AES
Polybrominated Biphenyls (PBB)	Forbidden	GC/MS	
Polybrominated Diphenyl Ether (PBDE)	Forbidden	GC/MC	

## Revision History

A0-1

Date: 2013-03-27

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