



**Alpha Wire Company**

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**Product Specification: 702R - 707R**

**Date Issued: 2/16/00**

**Product Description:** Multiconductor retractile communication cords, consisting of 23 AWG, 21/36 tinned copper conductors, color coded polypropylene insulation, with an overall polyvinylchloride jacket.

**Note:** All dimensions are in inches unless otherwise specified.

**Construction Requirements**

**Conductor Data:**

Material	Tinned Copper
AWG, Stranding	23, 21/36

**Insulation Data:**

Material	Polypropylene
Nominal Wall Thickness	0.012
Nominal Diameter	0.051

**Core Data:**

Number Of Conductors	See Table 1
Color Code	See Table 2

**Jacket Data:**

Material	Polyvinylchloride
Color	Black
Nominal Thickness	See Table 1
Nominal Diameter	See Table 1
Nominal Coil Diameter	See Table 1

**Finished Product Requirements:**

Retracted Length	12
Extended Length	60
Straight Lead Length	12, Blunt Cut
Voltage Rating	300
Temperature Range (°C)	-20 to 80
UL AWM Style	2464

**Availability:**

Standard Put-Up is a one piece package.

**Table 1**

<b><u>Part Number</u></b>	<b><u>No of Cond's</u></b>	<b><u>Nominal Jacket Wall Thickness</u></b>	<b><u>Nominal Jacket Diameter</u></b>	<b><u>Nominal Coil Diameter</u></b>
702R	2	0.040	0.19	0.688
703R	3	0.040	0.20	0.688
704R	4	0.040	0.22	0.750
705R	5	0.040	0.23	0.875
706R	6	0.040	0.23	0.875
707R	7	0.040	0.25	0.875

**Table 2**

1. Black	4. Green
2. White	5. Orange
3. Red	6. Blue
	7. Yellow