

Part Number: C6047A

Revision: 3/9/2014

**3PR 18AWG PE, ISP, PVC**

**COMPUTER CABLE**

**A. CONSTRUCTION**

Conductor:	#18 AWG (16/30) Tinned Copper	.048" Nom
Insulation:	.016" Wall, Polyethylene (PE)	.080" Nom
Pair Assembly:	2 Conductors with a 2.00" LHL	.160" Nom
Pair Binder Tape:	Polyester Tape	.163" Nom
Pair Drain Wire:	#22 AWG (7/30) Tinned Copper	
Pair Shield:	Aluminum/Polyester Tape (Foil In)	.168" Nom
Cable Assembly:	3 Individually Shielded Pairs with a 6.00" LHL	.330" Nom
Ripcord:	None	
Jacket:	.032" Wall, Polyvinyl Chloride (PVC)	.395" +/- .020"
Sequential Footage:	Yes	
Print Legend:	<b>CAROL (R) 18 AWG -- C6047A -- 75C E105765-H CM (UL) C(UL) OR AWM STYLE 2919 LOW VOLTAGE COMPUTER CABLE -- CSA LL69381 CMH -- ROHS CE -- (date code - MM/YY) (sequential footage)</b>	

**DIAMETERS**

**B. INDUSTRY APPROVALS**

National Electrical Code	Article 800
UL Standard 444	Type CM
UL Standard 758	AWM Style 2919
CSA International	Type CMH
EU Directive 2011/65/EU (RoHS-2)	RoHS Compliant
EU Directive 2006/95/EC (LVD)	CE Compliant

**C. ELECTRICAL PROPERTIES**

Temperature:	-20C to +80C
Suggested Working Voltage:	300 Vrms (Max)
Conductor DCR:	6.92 Ohms/1000ft (Max) @ 20°C
Capacitance (Cond-Cond):	25.3 pF/ft (Nom) @ 1kHz
Capacitance (Cond-Shield):	45.6 pF/ft (Nom) @ 1kHz
Characteristic Impedance:	61 Ohms (Nom) @ 1MHz

**D. COLOR CODE**

PAIR	COLOR 1	COLOR 2
1	BLACK	RED
2	BLACK	WHITE
3	BLACK	GREEN

**E. CUSTOMER APPROVAL**

Signature: \_\_\_\_\_

Date: \_\_\_\_\_