

Part Number: C0842A

Revision: 11/13/2012

2P 24AWG (7/32) TC PE, OAS, PVC
COMPUTER CABLE
A. CONSTRUCTION
DIAMETERS

Conductor:	#24 AWG (7/32) Tinned Copper	.023" Nom
Insulation:	.024" Wall, Polyethylene (PE)	.071" Nom
Pair:	2 conductors @ 1.75" LHL	.142" Nom
Cable:	2 pairs @ 2.50" LHL	
Overall Shield:	Aluminum/polyester tape (foil out) with a #24 AWG (7/32)TC Drain Wire	.218" Nom
Braid:	Tinned copper braid shield, 90% coverage	.240" Nom
Jacket:	.032" Wall, Polyvinyl Chloride (PVC)	.304" +/- 0.015"
Print Legend:	CAROL (R) 24 AWG - - C0842A - - 75C E105765-H CM(UL) C(UL) CMH OR 80C AWM STYLE 2919 30V LOW VOLTAGE COMPUTER CABLE - - MADE IN USA (DATE CODE) (SEQUENTIAL FOOTAGE)	

B. INDUSTRY APPROVALS

National Electrical Code	Article 800
UL Standard 444	Type CM, CMH
UL Standard 758	AWM Style 2919

C. ELECTRICAL PROPERTIES

Temperature:	-20°C to +80°C
Suggested Working Voltage:	300V Max
Conductor DCR:	27.7 Ohms/M' @ 20°C (Max)
Mutual Capacitance:	11.4 pF/ft @ 1kHz (nom)
Ground Capacitance:	20.5 pF/ft @ 1kHz (nom)
Characteristic Impedance:	120 Ohms @ 1MHz (nom)

D. COLOR CODE

PAIR	COLOR
1	BLACK - RED
2	BLACK - WHITE

E. CUSTOMER APPROVAL

 Signature: _____
 Date: _____