

Part Number: C0562A

Revision: 11/27/2012

4PR 18 AWG (16/30)TC PVC, OAS, PVC
COMMUNICATION AND CONTROL CABLE

A. CONSTRUCTION

DIAMETERS

Conductor:	#18 AWG (16/30) Tinned Copper	.046" Nom
Insulation:	.016" Wall, Polyvinyl Chloride (PVC)	.078" Nom
Pair:	2C @ 2.00" LHL	.156" Nom
Cable:	4PR @ 5.00" LHL	
Overall Shield:	Aluminum/Polyester tape, foil out in contact with drain wire	.334" Nom
Drain Wire:	#22 AWG (7/30) Tinned Copper	
Jacket:	.053" Wall, Polyvinyl Chloride (PVC)	.440" Nom
Print Legend:	<i>CAROL (R) 18 AWG - - C0562A - - 105C TYPE PLTC E60233-8 (UL) OR AWM STYLE 2464 -- CSA LL69381 60C CMG -- ROHS -- MADE IN USA (date code) (sequential footage)</i>	

B. INDUSTRY APPROVALS

National Electrical Code	Article 725
UL Standard 13	Type PLTC
UL Standard 758	AWM Style 2464
CSA International	Type CMG

C. ELECTRICAL PROPERTIES

Temperature:	-20°C to +105°C
Suggested Working Voltage:	300V Max
Conductor DCR:	6.81 Ohms/M' @ 20°C (nom)
Shield Resistance:	16.9 Ohms/M' @ 20°C (nom)
Mutual Capacitance:	34.3 pF/ft @ 1kHz (nom)
Ground Capacitance:	61.7 pF/ft @ 1kHz (nom)
Characteristic Impedance:	63 Ohms @ 1MHz (nom)

D. COLOR CODE

PAIR	COLOR	PRINTED NO.
1	BLACK - RED	1-ONE
2	BLACK - RED	2-TWO
3	BLACK - RED	3-THREE
4	BLACK - RED	4-FOUR

E. CUSTOMER APPROVAL

Signature: _____
Date: _____