

Part Number: C0561A

Revision: 10/17/2012

3P 18AWG (16/30)TC PVC, OAS, PVC
MULTI-PAIR COMMUNICATION CABLE
A. CONSTRUCTION

Conductor:	#18 AWG (16/30) Tinned Copper	.046" nom
Insulation:	.016" Wall, Polyvinyl Chloride (PVC)	.078" nom
Pair:	2 conductors @ 2.00" LHL	.156" nom
Cable Core:	3 pairs cabled together at 4.50" LHL with an Alum/Polyester tape shield (foil out) + 22AWG (7/30) TC drain wire	.301" nom
Jacket:	.051" Wall, Polyvinyl Chloride (PVC)	.403" nom

DIAMETERS

Print Legend: **CAROL (R) 18 AWG - - C0561A - - 105C TYPE PLTC E60233-8 (UL) OR AWM STYLE 2464 -- CSA LL69381 60C CMG -- MADE IN USA (DATE CODE) (SEQUENTIAL FOOTAGE)**

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:	105C (PLTC)
Suggested Working Voltage:	300V
Conductor DCR:	6.1 Ohms/M' @ 20°C
Shield Resistance:	16.9 Ohms/M' @ 20°C
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