

Part Number: C0584A

Revision: 7/9/2012

2SP 18AWG (16/30)TC PVC, PVC
COMMUNICATION CABLE

A. CONSTRUCTION

DIAMETERS

Conductor:	#18 AWG (16/30) Tinned Copper	.046" Nom
Insulation:	0.016" Wall, Polyvinyl Chloride (PVC)	.078" Nom
Pair:	2C @ 2.00" LHL with overall polyester tape	
Pair Shield:	Aluminum/Polyester Tape (Foil In) with #22 AWG (7/30)TC Drain Wire	.161" Nom
Cable:	2 Shielded Pairs @ 7.00" LHL	.296" Nom
Jacket:	0.042" Wall, Polyvinyl Chloride (PVC)	.380" Nom
Print Legend:	<i>CAROL (R) 18 AWG -- C0584A -- 105C TYPE PLTC E60233-8 (UL) OR AWM STYLE 2464 -- CSA LL69381 60C CMG -- 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:	105C (PLTC) / 80C (AWM) / 60C (CMG)
Suggested Working Voltage:	300V
Conductor DCR:	6.81 Ohms/M' @ 20°C (nom)
Shield Resistance:	16.9 Ohms/M' @ 20°C (nom)
Mutual Capacitance:	49.3 pF/ft. @ 1kHz (nom)
Ground Capacitance:	88.8 pF/ft. @ 1kHz (nom)
Characteristic Impedance:	43.7 Ohms @ 1MHz (nom)

D. COLOR CODE

PAIR	COLOR	PRINTED NO.
1	BLACK - RED	1-ONE
2	BLACK - RED	2-TWO