

General Cable

Product Data Sheet

Part Number: C3157

Revision Level: 3

Date: 8/20/2007

3SP 22 7/32 TC FEP OAS PVDF

TYPE CMP

A. CONSTRUCTION

DIAMETERS

Conductor:	#22 AWG 7/32 TC	0.030" nom.
Insulation:	0.006" Wall FEP	0.042" nom.
Pairing	3 indiv. shielded pairs (common axis)	
Cable:	3 Pairs @ 2.00" LHL with alum/polyester foils (foils out) & #24 AWG 7/32 TC common drain	0.164" nom.
Jacket:	0.010" Wall PVDF -- Red --Plenum ripcord under jacket	0.184" +/- 0.009"
Print Legend:	<i>CAROL (R) 22 AWG -- C3157 -- 150C E105765-F CMP (UL) C(UL) -- MADE IN USA (DATE CODE & SEQUENTIAL FOOTAGE 1000' TO 0')</i>	

B. INDUSTRY APPROVALS

National Electrical Code
UL Standard 444

Article 800
Type CMP

C. ELECTRICAL PROPERTIES

TEMPERATURE:	150C
SUGGESTED WORKING VOLTAGE (V _{rms}):	300V _{rms}
CONDUCTOR D.C. RESISTANCE:	16.6 Ohms/1000 ft. nom. @20C
SHIELD RESISTANCE:	7.2 Ohms/1000 ft. nom. @20C
MUTUAL CAPACITANCE:	31 pF/ft @ 1kHz nom.
GROUND CAPACITANCE:	56 pF/ft @ 1kHz nom.
CHARACTERISTIC IMPEDANCE:	48 Ohms @ 1 MHz

D. COLOR CODE (Listed as Individual Conductors or Pairs of Conductors)

1	P1: Black-Red
2	P2: Green-White
3	P3: Black-Green