

Part Number: C5804

Revision Level: 07

Date: February 14, 2011

1C 18 SOLID BCCS FOAM PE, OAS PE (FLOODED) PVC

RG-6/U TYPE COAXIAL CABLE

A. CONSTRUCTION

1)	CONDUCTOR:	#18 AWG Solid Bare Copper-Clad Steel	0.040" nom.
2)	INSULATION:	0.070" Wall Foamed Polyethylene	0.180" nom.
3)	TAPE:	Aluminum/Polyester/Aluminum - Bonded	0.185" nom.
4)	BRAID:	34 AWG Aluminum Braid - 60% Nom. Coverage	0.212" nom.
5)	FLOODED COMPOUND:	Petroleum Based Flooding Compound	
6)	JACKET:	0.032" Wall Polyethylene, Color: Black	0.270" +/- 0.010"
7)	PRINT LEGEND:	CAROL(R) -- C5804 -- RG6/U TYPE 75 OHM COAXIAL CABLE—1C 18 AWG SWEPT TO 3GHZ - FLOODED UNDER GROUND — MADE IN USA - (DATE CODE + SEQ FT EVERY 2FT)	

DIAMETERS

B. INDUSTRY APPROVALS

NONE

C. ELECTRICAL PROPERTIES

1)	TEMPERATURE RATING:	-65C To +80C
2)	SUGGESTED WORKING VOLTAGE (Vrms):	300V Max
3)	CONDUCTOR D.C. RESISTANCE:	28.9 Ohms/1000 ft. nom. @ 20 C
4)	SHIELD D.C. RESISTANCE:	9.00 Ohms/1000 ft. nom. @ 20 C
5)	CAPACITANCE:	16.2 pF/ft. @ 1kHz nom.
6)	CHARACTERISTIC IMPEDANCE:	75 Ohms @ 1 MHz nom.
7)	VELOCITY OF PROPAGATION:	83.0 % nom.
8)	ATTENUATION (NOMINAL)	

FREQ. (MHz)	dB/100 ft.
1	0.26
10	0.81
50	1.46
100	2.05
200	2.83
500	4.53
1000	6.59
1450	8.10
1800	8.80
2200	10.10
3000	11.79

Note: Data are subject to change without notice. Contact your Customer Service representative for latest information.

REV. 06: Transfer from Manchester 03/28/2003

Rev. 07: added RoHS, edit print legend add 3.0GHZ – 02/14/11-GT