

Cable Assembly Specification

Rosenberger NA PN: 06E-51S1-51S1-XXXXX



Description

Rosenberger: Cable: RG 58C/U
Connector Combination: BNC male / BNC male
Length in millimeters: XXXXX (mm)

General Electrical Specifications

Impedance:	50 ± 2 Ohms
Operating Frequency:	DC to 1 GHz
Return Loss:	15 dB minimum up to 3 GHz
Cable Insertion Loss:	0.63 dB/m @ 1 GHz (max)
Velocity of Propagation (%):	66% nominal
Shielding Effectiveness:	>40 dB
Working Voltage:	400 Vrms
Power Handling:	80 W @ 2 GHz

Mechanical Specification

Cable Diameter:	4.95 mm nominal
Mating Cycles:	> 500
Temperature Range:	-20°C to +70°C

MATERIALS AND FINISHES

Cable:	RG 58C/U
Connector Interfaces:	Per MIL-STD-348A
Connector Types, Materials & Platings	
BNC:	Outer contact, body: Optargen®-plated brass Center contact: gold-plated brass Dielectric: PTFE Gasket: Neoprene Crimp ferrule: Optargen®-plated copper