RG316/U

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ORIGINATOR: A.J.R.

SPECIFICATION DATA SHEET

CABLE TYPE RG 316/U RADIO FREQUENCY, COAXIAL, 50 OHM.

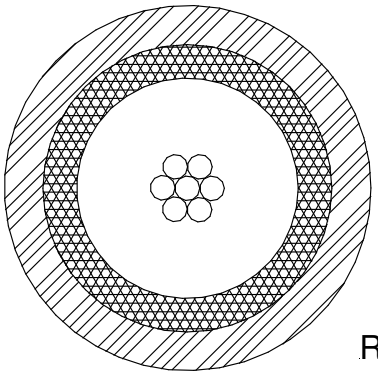
GENERAL DESCRIPTION SPCCS CONDUCTOR, PTFE DIELECTRIC, SPCW BRAID, FEP SHEATH.

RELEVANT STANDARDS IN ACCORDANCE WITH MIL-C-17/113

COMPONENT	MATERIAL BREAKDOWN	DIAMETER (nom) mm
Conductor	**07/0.170mm SILVER PLATED COPPER CLAD STEEL (Tensile Strength: 50 Klbf/inch″ min, Elongation: 10% min)**	**0.51**
Dielectric	**EXTRUDED PTFE OF NOMINAL WALL 0.51mm (NATURAL)**	**1.52**
Screen	**0.102mm SPCW OF 95.2% NOMINAL COVERAGE**	**1.97**
Jacket	**EXTRUDED FEP OF NOMINAL WALL 0.26mm (Translucent Brown)**	**2.49**

CABLE CHARACTERISTICS :

CONTINUOUS WORKING VOLTAGE:	900 V rms MAXIMUM
TEMPERATURE RATING:	-55° to +200°C
DIMENSIONS:	2.39mm MINIMUM , 2.59mm MAXIMUM
WEIGHT:	14.67 KG/KM NOMINAL
ELECTRICAL CHARACTERISTICS:	CONDUCTOR RESISTANCE: 276 OHMS/KM MAXIMUM
	IMPEDANCE: 50 ± 2 OHMS
	CAPACITANCE: 105 pF/M MAXIMUM
	ATTENUATION: 37.0 dB/100M NOMINAL @ 100 MHz
	47.0 dB/100M NOMINAL @ 200 MHz
	55.0 dB/100M NOMINAL @ 400 MHz
	68.9 dB/100M MAXIMUM @ 400 MHz
	102 dB/100M NOMINAL @ 1000 MHz
	VELOCITY OF PROPAGATION: 69.5% NOMINAL



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