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SPECIFICATION DATA SHEET

CABLE TYPE

**RG 179 B/U CO-AXIAL CABLE,
75 Ω RADIO FREQUENCY.**

GENERAL DESCRIPTION

**S.P.C.C.S. CONDUCTOR, P.T.F.E. DIELECTRIC,
SPCW SCREEN, FEP SHEATH.**

RELEVANT STANDARDS

IN ACCORDANCE WITH MIL-C-17/94

COMPONENT	MATERIAL BREAKDOWN	DIAMETER	
		(nom)	mm
Conductor	07/0.004" (07/0.102mm) S.P.C.C.S.	0.31	
Dielectric	EXTRUDED P.T.F.E. (Natural)	1.60	
Screen	0.004" (0.102mm) S.P.C.W. BRAID ($\geq 93\%$ Coverage)	2.05	
Jacket	EXTRUDED F.E.P. OF 0.25mm WALL THICKNESS (Translucent Brown)	2.54	

CABLE CHARACTERISTICS :

CONTINUOUS WORKING VOLTAGE:	900V RMS MAXIMUM
TEMPERATURE RATING:	-55°C to +200°C
CONDUCTOR RESISTANCE:	802 OHMS/KM MAXIMUM @ 20°C
FINAL CABLE DIAMETER:	2.42mm MINIMUM , 2.66mm MAXIMUM
CAPACITANCE:	75 pF/mt MAXIMUM
IMPEDANCE:	75 $\pm$ 3 OHMS
ATTENUATION:	0.69 dB/mtr MAXIMUM @ 400MHz
	0.33 dB/mtr NOMINAL @ 100 MHz
	0.41 dB/mtr NOMINAL @ 200 MHz
	0.52 dB/mtr NOMINAL @ 400 MHz
	0.79 dB/mtr NOMINAL @ 1000MHz

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