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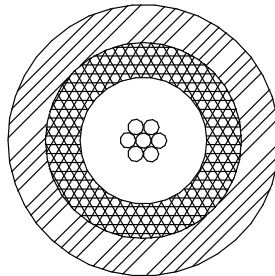
SPECIFICATION DATA SHEET

<u>CABLE TYPE</u>	RG 178 B/U CO-AXIAL CABLE , 50 Ω RADIO FREQUENCY.
<u>GENERAL DESCRIPTION</u>	S.P.C.C.S. CONDUCTOR, P.T.F.E. DIELECTRIC, SPCW SCREEN, FEP SHEATH.
<u>RELEVANT STANDARDS</u>	IN ACCORDANCE WITH MIL-C-17/93-RG178

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)	0.84
Screen	0.004" (0.102mm) S.P.C.W. BRAID (≥ 95% Coverage)	1.30
Jacket	EXTRUDED F.E.P. OF 0.25mm WALL THICKNESS (Translucent Brown)	1.80

CABLE CHARACTERISTICS

CONTINUOUS WORKING VOLTAGE:	750V RMS MAXIMUM
TEMPERATURE RATING:	-55°C to +200°C
CONDUCTOR RESISTANCE:	802 OHMS/KM MAXIMUM @ 20°C
FINAL CABLE DIAMETER:	1.70mm MINIMUM , 1.90mm MAXIMUM
CAPACITANCE:	105 pF/mtr MAXIMUM
IMPEDANCE:	50 ± 2 OHMS
ATTENUATION:	1.08 dB/mtr MAXIMUM @ 400MHz 0.46 dB/mtr NOMINAL @ 100 MHz 0.62 dB/mtr NOMINAL @ 200 MHz 0.92 dB/mtr NOMINAL @ 400 MHz 1.51 dB/mtr NOMINAL @ 1000MHz



RG 178 B/U

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