VR1129
RG178B/U

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SPECIFICATION DATA SHEET

CABLE TYPE — **RG 178 B/U CO-AXIAL CABLE , 50 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-17/169**

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

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