

VR1129 RG179B/U

ISSUE: 1 DATE: 03/11/06 ORIGINATOR: A.J.R. CHECKED:

## **SPECIFICATION DATA SHEET**

CABLE TYPE RG 179 B/U CO-AXIAL CABLE, 75 Ω RADIO FREOUENCY.

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 (≥ 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

Information in this publication and otherwise supplied to users is based on our general experience and is given in good faith, but because of the many particular factors which are outside our knowledge which affect the use of products, no warranty is given nor is implied with respect to such information. Users should make their own enquiries to determine the suitability of products for any particular use. Freedom under patents, copyright and registered designs cannot be assumed. This design may be subject to change without notification – please check this data sheet is still correct.