

## CABLE SPECIFICATION

ED0340 RG5 DUAL, CU DIELECTRIC, AL BRAID, WHITE PVC 100m CARDBOARD REEL

### **GENERAL**

Inner conductor Solid Copper
Dielectric Foam PE
Outer conductor AL Foil

AL Braid 16\*6\*0.12mm

Jacket Virgin White RH2 CMX PVC UV

Print Black ink, legible, cannot be wiped off by Fingers
Packing ED0340, 100m Cardboard reel, 4 reels per Out box.

Label Approved CPR label is required to be affixed on each of reel

#### DIMENSIONS - (mm)

Inner conductor diameter0.80Foam dielectric diameter3.50Diameter over jacket5.20

 $\begin{array}{lll} \mbox{Jacket wall thickness} & 0.70 \ \mbox{nominal} \\ 100\mbox{M Cardboard reel (D*d*H)} & 270*80*120 \\ 100\mbox{M Out box (D*d*H)} & 560*285*255 \\ \mbox{Print Height} & 2.50 \pm 0.50 \\ \end{array}$ 

#### **PROPERTIES**

Operating Temperature	-10℃ to + 60℃
Characteristic Impedance - Ohms	75 $\pm$ 3
Capacitance – pF/m	$53\pm3$
DC resistance inner conductor - Ohms/km	36.0
DC resistance shield conductor - Ohms/km	38.0
Jacket spark - volts AC	2500
Return Loss, dB minimum 5-470 MHz	23
Return Loss, dB minimum 470-1000 MHz	20
Return Loss, dB minimum 1000-2150 MHz	18
Return Loss, dB minimum 2000-2150 MHz	16

# Attenuation, dB/100m (Nominal)

50 MHz	6.10	1000 MHz	26.00
200 MHz	11.50	1600 MHz	34.00
450 MHz	17.20	2150 MHz	40.50
750 MHz	22.50		

#### NOTES:

- CABLE PRINT: DAXIS RG5TW ED0340 YYYY/WW CE Eca xxxm
  Repeat every meter replacing xxx with meter counts up from 001 to 100, then reset to repeat starting from 001 again. DAXIS shall be BOLD, Where YYYY/WW= Year/week
- 2. The test report is required to cover all the test items which are listed in above.
- 3. Cable and packaging must be RoHS2 compliant.
- 4. Cable must be CPR Class Eca compliant.
- 5. Warranty: 3 years (in door).