

## CABLE SPECIFICATION

**ED0361**

RG5 CU DIELECTRIC, AL BRAID, WHITE PVC, 100M REEL CARTON BOX

### GENERAL

|                 |  |
|-----------------|--|
| Inner conductor | Solid Copper   |
| Dielectric      | Foam PE  |
| Outer conductor | AL Foil  |
|                 | AL Braid 16*4*0.12mm                                     |
| Jacket          | Virgin White UV PVC                                      |
| Print           | Black ink, legible, cannot be wiped off by fingers.      |
| Packing         | Red plastic caps on both ends.                           |
|                 | ED0361, 100m per carton box,                             |
| Label           | Approved CPR label required to be affixed on each of box |

### DIMENSIONS – (mm)

|                          |              |
|--------------------------|--------------|
| Inner conductor diameter | 0.50         |
| Foam dielectric diameter | 2.20         |
| Diameter over jacket     | 3.80         |
| Jacket wall thickness    | 0.50 nominal |
| 100m reel (D*d*H)        | 220*220*85   |
| 100m Box (L*W*H)         | 455*235*230  |
| Reel label               | 55*70        |
| Print Height             | 2.50 ± 0.50  |

### PROPERTIES

|   |                |
|---|----------------|
| Operating Temperature                         | -10°C to +60°C |
| Characteristic Impedance - Ohms               | 75 ± 3         |
| Capacitance – pF/m                            | 53 ± 3         |
| Max. DC resistance inner conductor - Ohms/km  | 93             |
| Max. DC resistance shield conductor - Ohms/km | 54             |
| Jacket spark - volts AC                       | 2500           |
| Return Loss, dB minimum 30-800 MHz            | 75             |

#### Attenuation, dB/100m (Nominal)

|         |      |          |      |
|---------|------|----------|------|
| 50 MHz  | 9.8  | 1000 MHz | 43.2 |
| 200 MHz | 18.5 | 1250 MHz | 49.3 |
| 550 MHz | 30.5 | 1450 MHz | 53.5 |
| 700 MHz | 35.0 | 2150 MHz | 66.5 |
| 800 MHz | 38.5 |          |      |

### NOTES:

1. CABLE PRINT: **DAXIS** ED0361 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).