

CABLE SPECIFICATION

ED0338 RG59 **DUAL**, CU DIELECTRIC, AL BRAID, WHITE PVC, 300M REEL COLORFUL BOX

GENERAL

Inner conductor	Solid Copper
Dielectric	Foam PE
Outer conductor	AL Foil
	AL Braid 16*6*0.12mm
Jacket	Virgin White CMX PVC UV
Print	Black ink, legible, cannot be wiped off by fingers.
Packing	Red plastic caps on both ends. ED0338, Plastic reel with 2 sides of support in box.300m Plastic reel. 1 Plastic reel per color box.
Label	Approved CPR label is required to be affixed on each of box

DIMENSIONS – (mm)

Inner conductor diameter	0.80
Foam dielectric diameter	3.50
Diameter over jacket	2*5.20
Jacket wall thickness	0.50 nominal
300m Plastic reel (D*d*H)	307*100*280
300m Box (L*W*H)	330*345*330
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 ± 2		
DC resistance inner conductor - Ohms/km	35		
DC resistance shield conductor - Ohms/km	44		
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 1000-2000 MHz	18		
Return Loss, dB minimum 2000-2150 MHz	16		

Attenuation, dB/100m (Nominal)

50 MHz	6.10	1000 MHz	26.0
200 MHz	11.5	1600 MHz	34.0
450 MHz	17.2	1750 MHz	36.4
750 MHz	22.50	2150MHz	40.5

NOTES:

1. CABLE PRINT: **DAXIS** RG5TW ED0338 YYYY/WW CE Eca xxxm...
Repeat every meter replacing xxx with meter counts from 001 to 300, then reset to repeat starting from 001 again. **DAXIS** shall be BOLD, Where WW/YY= Manufacturing Date, WW=Week, YYYY=Year
2. The test report is required to cover all the test items which are listed in above.
3. Cable and packaging must be RoHS compliant.
4. Cable must be CPR Class Eca compliant.
5. Warranty: 3 years(indoor).