



Doncaster **Cables**

DRC100 SATELLITE CABLE (CT100 EQUIVALENT)



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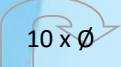
DRC100 Double Shielded Coaxial (CT100 Equivalent) - has an inner conductor of 1.0mm² solid copper, solid foam dielectric, 100% coverage copper foil screen, copper composite wire braid screen and black PVC sheath.

DRC100 has lower losses than standard coaxial cable and is suitable for signals up to 2Ghz. This cable is commonly used for low loss CCTV or satellite installation.

- Conductor :** Solid Copper
- Insulation:** Foam Polyethylene (PE)
- Shield:** Overlapped Copper Foil (100% Coverage)
- Braiding:** Copper Composite Braiding
- Sheathing:** Polyvinyl Chloride (PVC)

Reference Number	Nominal Diameter of Conductor (mm)	Nominal Diameter of Insulation (mm)	Nominal Overall Diameter of Sheath (mm)	Resistance at 20C Max. d.c. Conductor	Resistance at 20C Minimum Insulation	Capacitance	Characteristic Impedance at 20° C, 200MHz	Approximate Weight (kg/km)
DRC100	1.0	4.6	6.5	2.6 Ω/100m	200 MΩ.m	53.5±5 pF/m	75 ± 5Ω	50

	55 MHz	100 MHz	211 MHz	400 MHz	870 MHz	1000 MHz	1750 MHz	2150 MHz
Attenuation at 20°C(dB+100m)	5.5	7.1	10.0	13.68	20.73	22.35	31.7	35.35

MINIMUM OPERATING TEMPERATURE 	MAXIMUM OPERATING TEMPERATURE 	MINIMUM BENDING RADIUS 
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