

# TECHNICAL DATA SHEET

PRO-POWER

RoHS  
Compliant

100U COAXIAL CABLE

MODEL: C100U100M



## Application:

Suitable for the reception of digital terrestrial and digital satellite signals.

## Specification:

Inner conductor: Single steel copper,  $\varnothing 1.02 \pm 0.01$ mm

Insulation: Air space PE

Size of Insulation:  $\varnothing 7.0 \pm 0.1$ mm

Screening: Cu. foil

Braiding: 16x 4/0.12  $\pm 0.003$ mm CCA

Jacket: PVC, white

Size:  $\varnothing 6.5 \pm 0.2$ mm

Wall thickness:  $\approx 0.7$ mm

Printing: RW 100U COAXIAL CABLE meter marking

## Electric data at 20°C:

Conductor resistance:  $\leq 25.0 \Omega/\text{km}$

Insulation resistance:  $\geq 5,000 \text{M}\Omega/\text{km}$

Testing voltage: wire/wire/screen 50Hz, 1min=1.5kV

Impedance:  $75 \pm 3 \Omega @ 200 \text{MHz}$

Permissible temperature:  $-10^\circ\text{C}$  to  $+70^\circ\text{C}$

Reel: 100m

Frequency MHz	50	100	200	800	1,000
ATT dB/100m	7.3	10.3	12.9	23.5	30.5

**Important Notice:** This data sheet and its contents (the "Information") belong to pro-POWER. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but pro-POWER assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where pro-POWER was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict pro-POWER's liability for death or personal injury resulting from its negligence.

PRO-POWER