

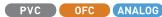


50 Ω **COAXIAL CABLES**















✓STUDIO ✓INSTALLATION

APPLICATION

This cable can do it and its versatility is quite remarkable. Our RG-cables are famous for their age resistance and longevity. RG (radio guide)-cables have either one or two cross braided shields, designed according to the American MIL-C-17-Norm. This norm, originally designed for the military, guarantees excellent and consistent manufacturing quality and durability. RG-cables are suitable for a vast number of applications in high frequency technology, electronics, and data transmission.

CONSTRUCTION DATA

Inner conductor 7 x 0,75 mm ø (AWG 12) Silvered Stranded Copper Wire

300 V Rms

Insulation 7.3 mm ø Solid PE

1st Shield Silver Plated Copper Braid % 95 Silver Plated Copper Braid % 95 2nd Shield

Outer Jacket Pvc **Outer Diameter** 10,8 mmø Cable Weight 20 Kg/100 m

ELECTRICAL DATA

DC resistance $< 5.7 \Omega / km$ Inner conductor Shield $< 10 \Omega / km$ Mutual capacitance 100± 2 pF/m Velocity of Propagation 66% $50 \Omega \pm 2$ Characteristic Impedance ≥ 55 dB Screening factor

Attenuation (db /100 Mt)

Max. Operating Voltage

Frequency (MHz) 100 200 400 10 800 1000 Attenuation (dB/100m) 4.2 6,2 9.8 14 19.6 24

Return loss (dB)

Frequency (MHz) (dB) ≥ 27 50 - 100100 - 300≥ 27 300 - 500≥ 26 500 - 1000 ≥ 25

MECHANICAL DATA

Minimum bending radius Temperature range

8 x D (D= outer diameter) -30° C to + 70° C

