

GROUND COAX CABLE

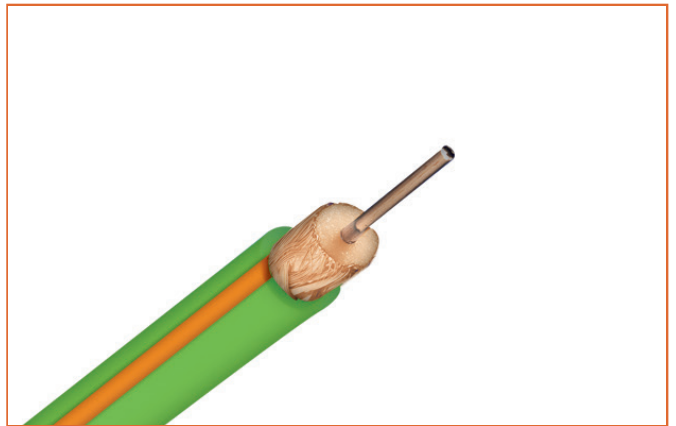


C9/500

Article number 695004556

PRODUCT CATEGORY: CATV

STATUS: AVAILABLE



Product

GROUND COAX CABLE
C9/500

Coax cable for outside, high shielding, low attenuation, green 7.0 mm, reel 500 meter (TOM-I certified). This cable is suitable for use in CATV systems. Large distances can be bridged by the low attenuation. This cable is approved by major cable operators for applications mentioned and must be applied in a TOM -I environment. This cable is particularly suitable for use in the ground (for example for connections between the multitaps and outlet boxes).



Properties



Certificates



TOM-i

Included

N/A

Tools

- 1 piece Cable stripper KST 1
Article number 695020385



Instruction video

www.hirschmann-multimedia.net/montagefilm-coax

Instruction card

www.hirschmann-multimedia.net/installation/installatie-schema

Mechanical Specifications

Dimensions hwxwx
385 x 385 x 285 mm

Weight
22.7 kg

Color
Green

PRODUCTSHEET

C9/500

GROUND COAX CABLE

Specifications

Application

75 Ohm digital coaxial cable used in indoor, HFC/CATV signal distribution.

Structural specification

Inner conductor	Bare copper wire, diameter 1.05 mm
Dielectric	Foamed-PE with gas injection, diameter 4.75 mm
Outer shield	Cu-Pet, bonded to dielectric, 12/20 µm, 20x0.05mm
	Bare copper braid, 47% coverage, diameter 5.40mm
Sheath	PE green RAL 6018 (orange stripe), diameter 7.0 mm

Mechanical specification

Operating temperature	-40 °C to +70 °C
Installation temperature	-5 °C to +50 °C
Min. bending radius	70 mm
Max. pulling tension	> 120 N

Electrical specification

Characteristic impedance	75 Ohm
Nominal capacitance	54 pF/m
Velocity ratio	85%
DC resistance (20 °C)	
Inner conductor	< 21 Ohm / km
Outer conductor	< 16 Ohm / km

Attenuation (typical)

5 MHz	1.3 dB / 100m
100 MHz	5.9 dB / 100m
860 MHz	17.4 dB / 100m
1750 MHz	25.9 dB / 100m
2150 MHz	29.5 dB / 100m
3000 MHz	34.1 dB / 100m

Screening attenuation

15 - 30 MHz	> 90 dB (Class A)
30 - 1000 MHz	> 90 dB (Class A)
1000 - 2400 MHz	> 90 dB (Class A)

Transfer impedance

5-30MHz	< 8 mOhm/m
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Return loss

5 - 470 MHz	> 23 dB
470 - 1000 MHz	> 20 dB
1000 - 2000 MHz	> 18 dB
2000 - 3000 MHz	> 16 dB

Contact

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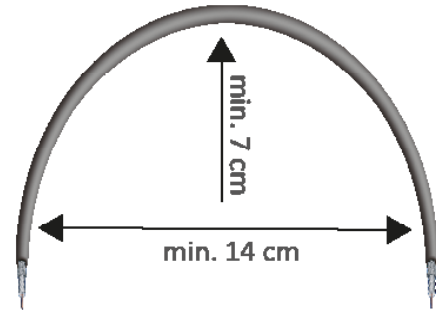
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Wiring diagram

BENDRADIUS



Related product - UA 1000F

Article number 695021040



Related product - Multitap MFC 12T

Article number 695020461



Related product - DIO-01

Article number 695020414



Hirschmann Multimedia B.V.

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Serving the retail and installer market, Hirschmann Multimedia Products is expanding from The Netherlands and Belgium towards 16 other European countries as of 2014. Through a qualified and selected dealer and installer network, HMP provides in products for COAX, IP and satellite systems.