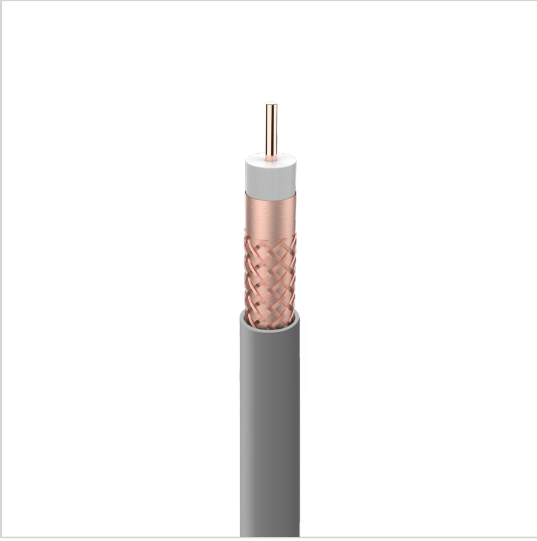


Televes reserves the right to modify the product

7 RtC 1/2" underground coaxial cable Dca Euroclass, A Class shielded

RG-11 coaxial cable with both conductors made of copper 100% (Cu/Cu) and excellent braid coverage (77%). Includes a petro-gel layer and an external UV-resistant LSFH coverage, which makes it perfect for indoor and outdoor installation, specially for underground use, free of deformations and degradations that could affect the quality of the transported signal. A 7 RtC cable with double shielded.

Ref.214001

Art.Nr	EK27115L-T
EAN13	8424450214831

Highlights

- Copper conductors
- Class A shielded
- Dca-s2,d2,a1 Euroclass
- Petro-gel layer

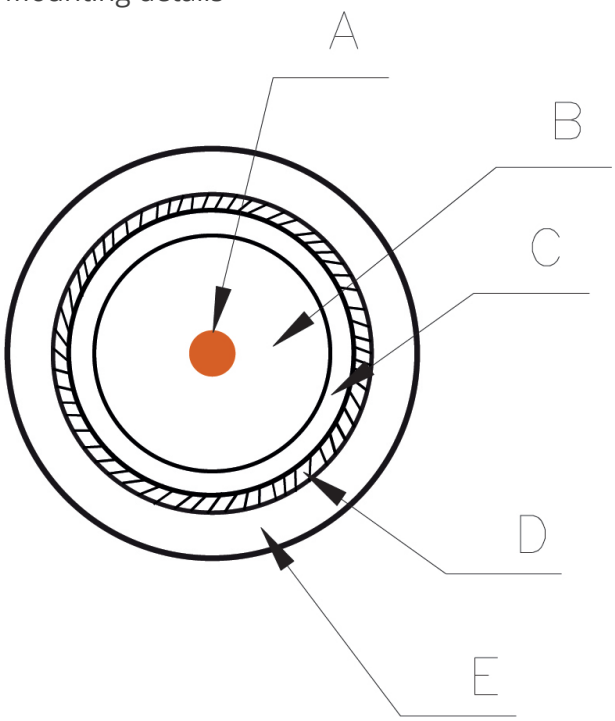
Main features

- Grey-colour external UV-resistant LSFH sheath
- 75 Ohm characteristic impedance
- 500 m wood reel

Additional information

(Click to see the picture)

Mounting details



DETAIL VIEW OF THE COAXIAL CABLE SECTION

A-Inner conductor
B-Dielectric
C-Foil
D-Braid
E-Outer sheath

Technical specifications

Model		1/2”
Cable type		RG-11
Standard		EN 50117-10-2
Euroclass		Dca
Euroclass: Smoke Production		s2
Euroclass: Flaming droplets		d2
Euroclass: Acidity		a1
Class		A
Inner conductor Diameter	mm	2.7
Inner conductor Material		Copper (Cu)
Inner conductor Resistance	Ω/km	< 3.2
Dielectric Diameter	mm	11.5
Dielectric Material		Foam polyethylene (PEE)
Dielectric Color		White RAL 9003
Overlapped foil		Copper + Polyester
Braid Material		Copper
Braid dimensions: No. of carriers (Nc)		24
Braid Dimensions: No. of strands per carrier (Ns)		8
Braid Dimensions: strand diameter (Ø)	mm	0.12
Braid Resistance	Ω/km	< 7
Braid Coverage	%	77
2nd foil		No
2nd foil glued to the dielectric		No
Petrol-Jelly		Yes
Anti-migrating film		No
Outer sheath Diameter	mm	15
Outer sheath Material		LSFH, UV-resistant
Minimum bending radius	mm	75
Transfer impedance (5-30MHz)	mΩ/m	< 5
1GHz shielding	dB	> 85
Spark Test	Vac	8000
Capacitance	pF/m	55
Impedance	Ω	75
Velocity ratio	%	82
Operating temperature	°C	-25 ... 70

Frequencies		5 MHz	47 MHz	54 MHz	90 MHz	200 MHz	500 MHz	698 MHz	800 MHz	862 MHz	950 MHz	1000 MHz	1220 MHz	1350 MHz	1750 MHz	2050 MHz	2150 MHz	2200 MHz	2300 MHz	2400 MHz	3000 MHz
Attenuation (typ.)	dB/m	0.01	0.02	0.02	0.02	0.03	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.1	0.12	0.13	0.14	0.14	0.14	0.15	0.16