## **Televes**



## CXT-1 17 VAtC.A coaxial cable Eca Euroclass

RG-6 coaxial cable with copper-clad steel inner conductor and aluminium braid (CCS/Al), and an excellent braid coverage (77%). A 17 VAtC.A cable with double shielded and PVC sheath.

Ref.	212702
Logical ref.	CXT1B-250
EAN13	8424450137611

#### Other features

Colour	Black
Length	250.00 m
Packaging info	
Reel	250 m

#### Physical data

Net weight	43.00 g
Gross weight	43.00 g
Width	6.00 mm
Height	1,000.00 mm
Depth	6.00 mm
Main product weight	36.00 g

#### Highlights

- Copper-clad steel inner conductor and aluminium braid
- Eca Euroclass

#### Main features

### **Televes**

- White-colour external PVC sheath
- 75 Ohm characteristic impedance
- Available in reels of different lengths

#### Discover

#### **Double-shielded Class A coaxial cable**

The structure of these coaxial cables with a high-coverage aluminium braid, together with an overlapped foil made of aluminium and polyester, provides double-layer of shielding. These structural properties allow achieving the outstanding levels of shielding attenuation (SA) defined by Class A:

- For 30 MHz 1000 MHz => SA > 85 dB
- For 1000 MHz 2000 MHz => SA > 75 dB
- For 2000 MHz 3000 MHz => SA > 65 dB

#### Mounting details

#### **DETAIL VIEW OF THE COAXIAL CABLE SECTION**

**A**-Inner conductor

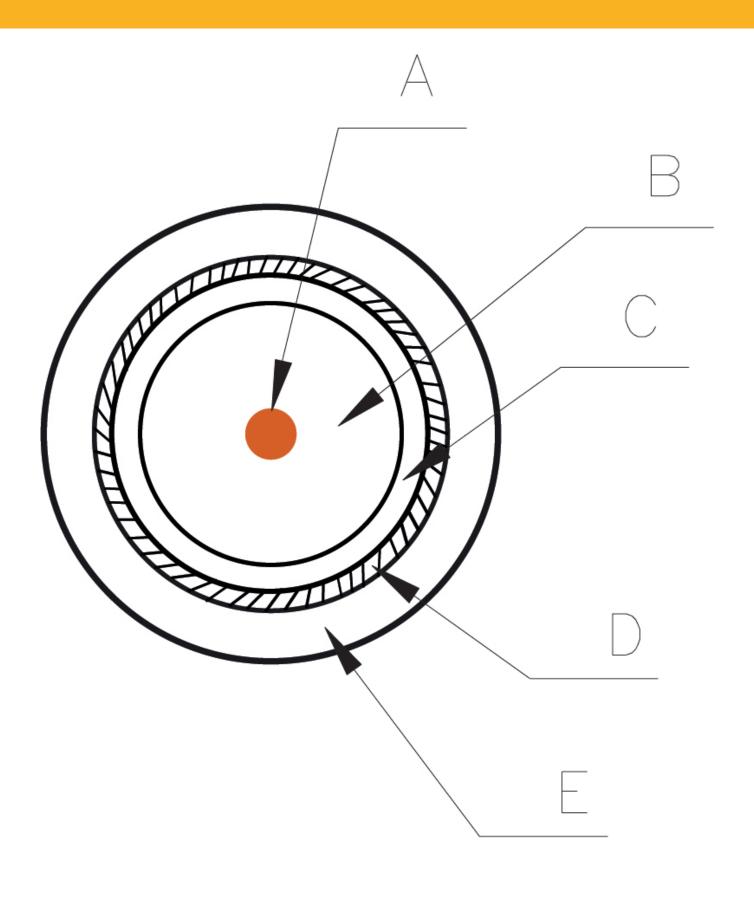
**B**-Dielectric

**C**-Foil

**D**-Braid

**E**-Outer sheath

# **Televes**





### **Technical specifications**: Ref. 212702

Model											CX	T-1									
Cable type			RG-6																		
Standard											EN 501	17-9-2									
Euroclass			Eca																		
Class			A																		
Inner conductor Diameter	mm										1	1									
Inner conductor Material			Copper-clad steel (CCS)																		
Inner conductor Resistance	Ω/km										< 1	105	` ,								
Dielectric Diameter	mm										4.	.7									
Dielectric Material			Foam polyethylene (PEE)																		
Dielectric Color			White RAL 9003																		
Overlapped foil			Aluminium + Polyester																		
Braid Material			Aluminium																		
Braid dimensions: No. of carriers (Nc)			16																		
Braid Dimensions: No. of strands per carrier (Ns)			8																		
Braid Dimensions: strand diameter (Ø)	mm		0.12																		
Braid Resistance	Ω/km		< 30																		
Braid Coverage	%		77																		
2nd foil											N	lo									
2nd foil glued to the dielectric											N	lo									
Petrol-Jelly											N	lo									
Anti-migrating film											N	lo									
Outer sheath Diameter	mm										6.	.7									
Outer sheath Material											P۱	/C									
Minimum bending radius	mm										3	3									
1GHz shielding	dB										>	85									
Spark Test	Vac										30	00									
Capacitance	pF/m										5	4									
Impedance	Ω										7	5									
Velocity ratio	%										8	2									
Operating temperature	°C										-30	70									
Frequencies			47	54	90	200	500	698	800	862	950	1000	1220	1350	1750	2050	2150	2200	2300	2400	3000
riequencies		5 MHz	MHz	MHz	MHz	MHz	MHz		MHz	MHz	MHz	MHz				MHz					
Attenuation (typ.)	dB/m	5 MHz						MHz 0.16									MHz 0.32	MHz 0.35		MHz 0.36	