CXT 19 VAtC coaxial cable Eca Euroclass, A+ Class shielded

RG-6 coaxial cable with copper inner conductor and aluminium braid (Cu/Al), and an excellent braid coverage (79%). A 19 VAtC cable with double shielded and PVC sheath.

Ref.	2128
Logical ref.	CXT1IC
EAN13	8424450137642

Other features

Colour	White
Length	100.00 m

Packaging info

Reel	100 m
Box	500 m
Pallet	8000 m

Physical data

Net weight	40.00 g
Gross weight	40.00 g
Width	6.00 mm
Height	1,000.00 mm
Depth	6.00 mm
Main product weight	39.00 g

Highlights

- Copper inner conductor and aluminium braid
- Class A shielded

- Eca Euroclass

Main features

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

Discover

Double-shielded Class A coaxial cable

With 2 shielding layers, these cables provide an outstanding shielding thanks to a high-coverage braid.

They belong in EN 50117 standard Class A, according to their structural properties:

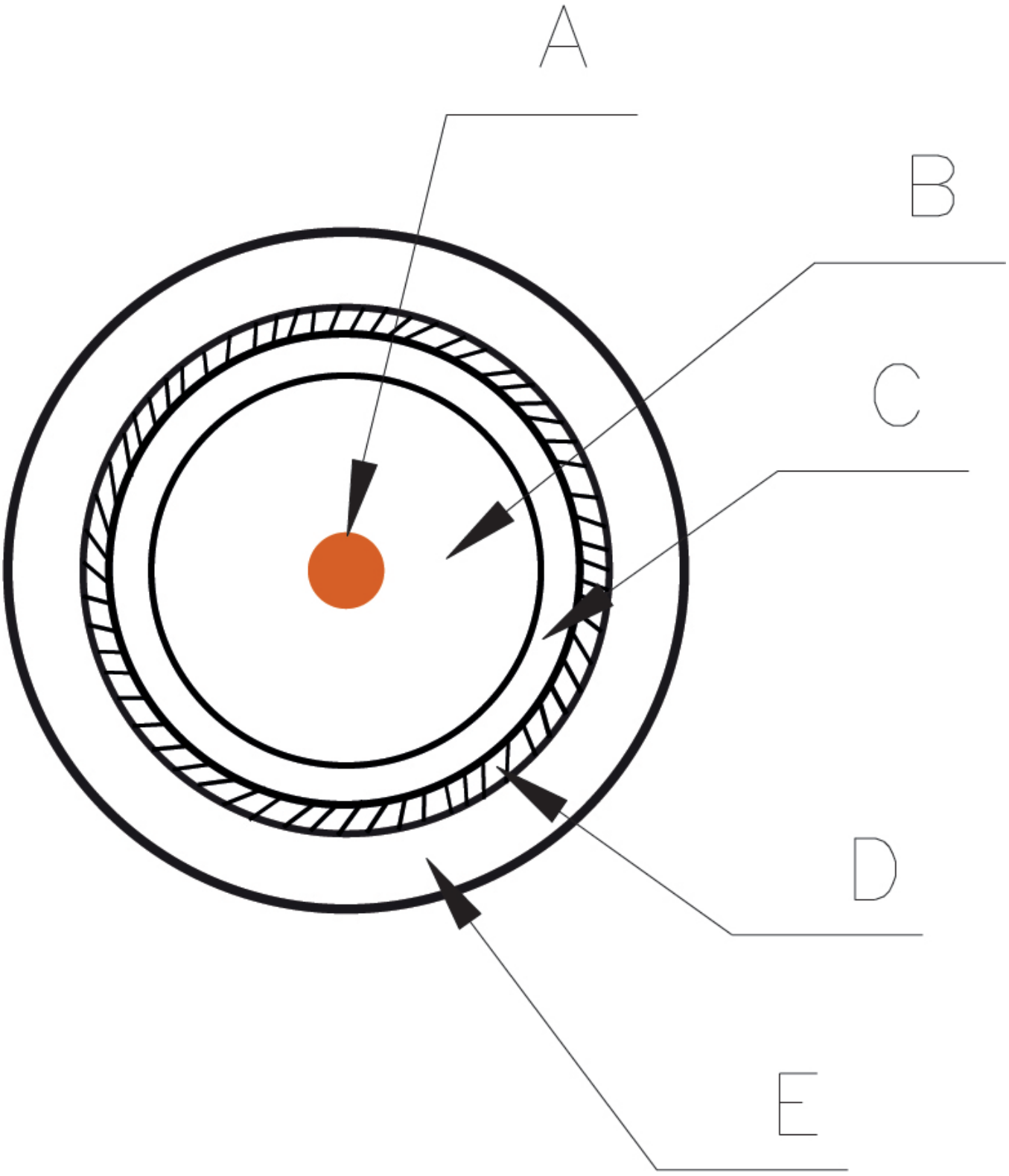
- For 5 MHz - 30 MHz => TI < 5 mΩ/m
- For 30 MHz - 1000 MHz => SA > 85 dB
- For 1000 MHz - 2000 MHz => SA > 75 dB
- For 2000 MHz - 3000 MHz => SA > 65 dB

Where the transfer impedance (TI) defines how effective the shielding is at low frequencies, while the shielding attenuation (SA) defines it in the 30 MHz-to-3000 MHz range.

Mounting details

DETAIL VIEW OF THE COAXIAL CABLE SECTION

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


A
B
C
D
E

Technical specifications : Ref. 2128

Model		CXT																			
Cable type		RG-6																			
Standard		EN 50117-9-2																			
Euroclass		Eca																			
Class		A																			
Inner conductor Diameter	mm	1																			
Inner conductor Material		Copper (Cu)																			
Inner conductor Resistance	Ω/km	< 23																			
Dielectric Diameter	mm	4.5																			
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	< 31																			
Braid Coverage	%	79																			
2nd foil		No																			
2nd foil glued to the dielectric		No																			
Petrol-Jelly		No																			
Anti-migrating film		No																			
Outer sheath Diameter	mm	6.5																			
Outer sheath Material		PVC																			
Minimum bending radius	mm	32.5																			
Transfer impedance (5-30MHz)	mΩ/m	< 5																			
1GHz shielding	dB	> 85																			
Spark Test	Vac	3000																			
Capacitance	pF/m	54																			
Impedance	Ω	75																			
Velocity ratio	%	82																			
Operating temperature	°C	-30 ... 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	0.04	0.05	0.06	0.09	0.14	0.17	0.19	0.19	0.2	0.21	0.23	0.25	0.29	0.32	0.33	0.35	0.35	0.35	0.39
Return losses (min.)	dB	20	20	20	20	20	18	18	18	18	18	18	16	16	16	15	15	15	15	15	15