



T200plus 15 RtC coaxial cable Dca Euroclass, A Class shielded

RG-6 coaxial cable with both conductors made of copper (Cu/Cu) and excellent braid coverage (76%). Double shielded, equipped with an anti-migrating film. A 15RtC cable with LSFH sheath.

Ref.	213002
EAN13	8424450161241

Other features

Colour	Grey
Length	250.00 m

Packaging info

Reel	250 m
Pallet	7500 m

Physical data

Net weight	54.00 g
Gross weight	54.00 g
Width	6.00 mm
Height	1,000.00 mm
Depth	6.00 mm
Main product weight	53.00 g

Highlights

- Copper conductors
- Class A shielded
- Dca-s2,d2,a1 Euroclass
- The anti-migrating film prevents sheath's additive agents and humidity migration to the inner

conductor, thus avoiding deterioration in the characteristics

Main features

- Grey-colour external LSFH sheath
- 75 Ohm characteristic impedance
- 250 m wood reel

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:

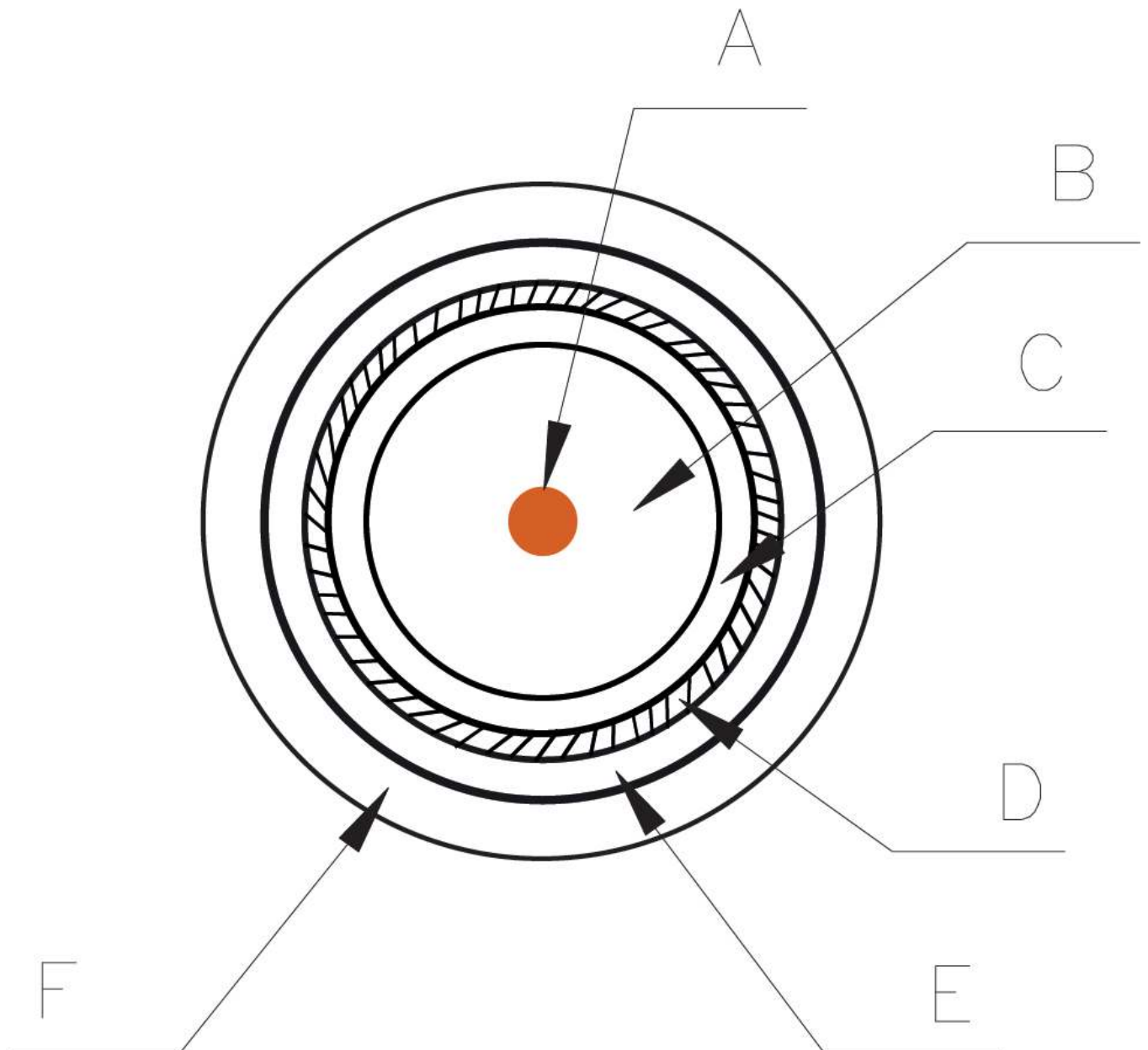
- For 5 MHz - 30 MHz => TI < 5 mΩ/m
- For 30 MHz - 1000 MHz => SA > 85 dB
- For 1000 MHz - 2000 MHz => SA > 75 dB
- For 2000 MHz - 3000 MHz => SA > 65 dB

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- Anti-migrating film
- F-Outer sheath



Technical specifications : Ref. 213002

Model		T-200plus																				
Cable type		RG-6																				
Standard		EN 50117-9-2																				
Euroclass		Dca																				
Euroclass: Smoke Production		s2																				
Euroclass: Flaming droplets		d2																				
Euroclass: Acidity		a1																				
Class		A																				
Inner conductor Diameter	mm	1.2																				
Inner conductor Material		Copper (Cu)																				
Inner conductor Resistance	Ω /km	< 16																				
Dielectric Diameter	mm	5																				
Dielectric Material		Foam polyethylene (PEE)																				
Dielectric Color		Orange RAL 1007																				
Overlapped foil		Copper + Polyester																				
Braid Material		Copper																				
Braid dimensions: No. of carriers (Nc)		16																				
Braid Dimensions: No. of strands per carrier (Ns)		9																				
Braid Dimensions: strand diameter (\emptyset)	mm	0.11																				
Braid Resistance	Ω /km	< 12																				
Braid Coverage	%	76																				
2nd foil		No																				
2nd foil glued to the dielectric		No																				
Petrol-Jelly		No																				
Anti-migrating film		Yes																				
Outer sheath Diameter	mm	6.9																				
Outer sheath Material		LSFH																				
Minimum bending radius	mm	34.5																				
Transfer impedance (5-30MHz)	m Ω /m	< 5																				
1GHz shielding	dB	> 85																				
Spark Test	Vac	3000																				
Capacitance	pF/m	55																				
Impedance	Ω	75																				
Velocity ratio	%	82																				
Operating temperature	$^{\circ}$ 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	0.04	0.04	0.05	0.07	0.12	0.14	0.15	0.16	0.17	0.17	0.19	0.2	0.23	0.25	0.26	0.27	0.27	0.27	0.27	0.3