

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 (Low Smoke, Free of Halogen) 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 volume	0.08 dm³
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
- Grey-colour external LSFH sheath, for indoor use, recommended for high-traffic environments
- 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:

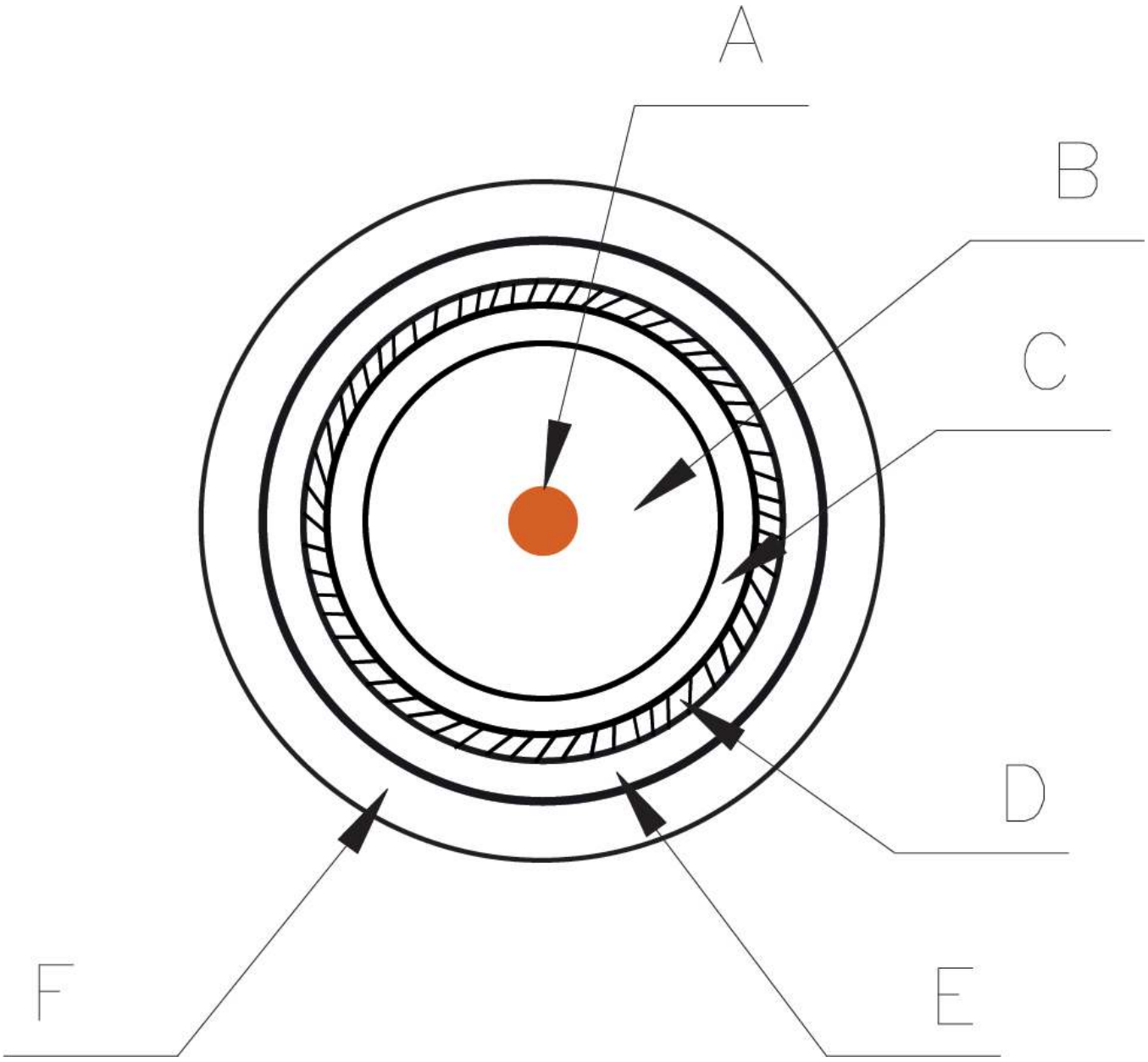
- For 5 MHz - 30 MHz => TI < 5 mΩ/m
- For 30 MHz - 1000 MHz => SA > 85 dB
- For 1000 MHz - 2000 MHz => SA > 75 dB
- For 2000 MHz - 3000 MHz => SA > 65 dB

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


A
B
C
D
E
F

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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	in	0.047
Inner conductor Material		Copper (Cu)
Inner conductor Resistance	Ohm/km	< 16
Dielectric Diameter	in	0.197
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 (Ø)	in	0.004
Braid Resistance	Ohm/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	in	0.272
Outer sheath Material		LSFH
Minimum bending radius	in	1.358
Transfer impedance (5-30MHz)	mΩ /m	< 5
1GHz shielding	dB	> 85
Spark Test	Vac	3000
Capacitance	pF/m	55
Impedance	Ω	75
Velocity ratio	%	82
Operating temperature	°F	-13 ... 158
Atenuacion 5MHz	dB/m	0.01
Atenuacion 47MHz	dB/m	0.04
Atenuacion 54MHz	dB/m	0.04
Atenuacion 90MHz	dB/m	0.05
Atenuacion 200MHz	dB/m	0.07
Atenuacion 500MHz	dB/m	0.12
Atenuacion 698MHz	dB/m	0.14
Atenuacion 800MHz	dB/m	0.15
Atenuacion 862MHz	dB/m	0.16
Atenuacion 950MHz	dB/m	0.17
Atenuacion 1000MHz	dB/m	0.17
Atenuacion 1220MHz	dB/m	0.19
Atenuacion 1350MHz	dB/m	0.2
Atenuacion 1750MHz	dB/m	0.23
Atenuacion 2050MHz	dB/m	0.25
Atenuacion 2150MHz	dB/m	0.26
Atenuacion 2200MHz	dB/m	0.27
Atenuacion 2300MHz	dB/m	0.27
Atenuacion 2400MHz	dB/m	0.27
Atenuacion 3000MHz	dB/m	0.3