T100plus 16PRtC coaxial cable Fca Euroclass, A Class shielded

RG-6 coaxial cable with both conductors made of copper (Cu/Cu) and excellent braid coverage (75%). Double shielded, equipped with an anti-migrating film. A 16PRtC cable with polyethylene (PE) sheath.

Ref.	215501
Logical ref.	KK1148HPE
EAN13	8424450103500

Other features

Colour	Black
Length	100.00 m

Packaging info

Reel	100 m
Box	500 m
Pallet	6000 m

Physical data

Net weight	45.00 g
Gross volume	0.08 dm³
Gross weight	45.00 g
Width	6.00 mm
Height	1,000.00 mm
Depth	6.00 mm
Main product weight	39.00 g

Highlights

- Copper conductors
- Class A shielded

- Fca Euroclass
- The anti-migrating film prevents sheath's additive agents and humidity migration to the inner conductor, thus avoiding deterioration in the characteristics
- Black-colour external PE sheath, suitable for outdoor use
- 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

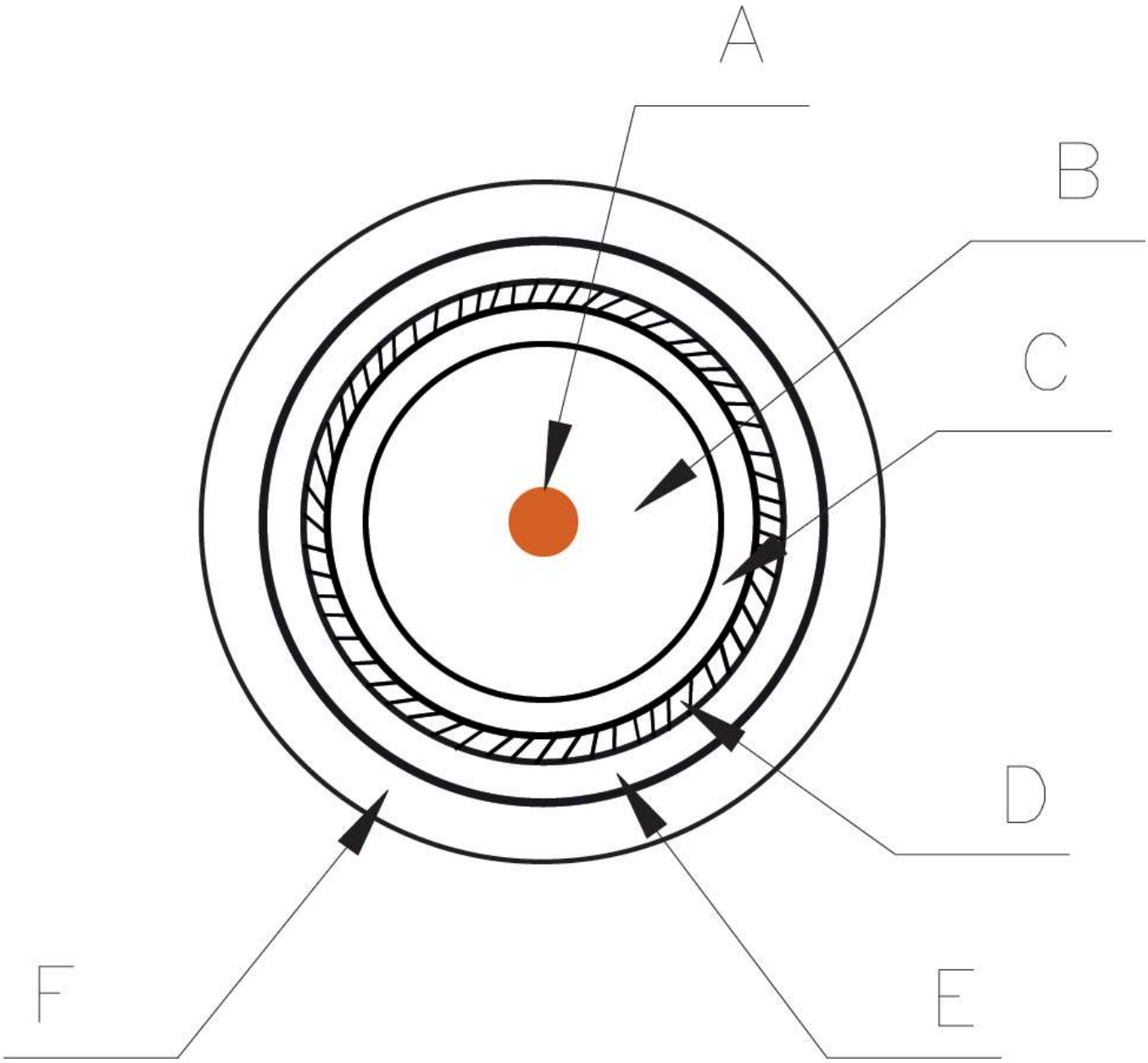
Where the transfer impedance (TI) defines how effective the shielding is at low frequencies, while the shielding attenuation (SA) defines it in the 30 MHz-to-3000 MHz range.

Mounting details

DETAIL VIEW OF THE COAXIAL CABLE SECTION

A-Inner conductor
B-Dielectric
C-Foil

D-Braid
E- Anti-migrating film
F-Outer sheath



Televes®

Technical specifications : Ref. 215501

Model		T-100plus
Cable type		RG-6
Standard		EN 50117-10-2
Euroclass		Fca
Class		A
Inner conductor Diameter	in	0.044
Inner conductor Material		Copper (Cu)
Inner conductor Resistance	Ohm/km	< 20
Dielectric Diameter	in	0.189
Dielectric Material		Foam polyethylene (PEE)
Dielectric Color		White RAL 9003
Overlapped foil		Copper + Polyester
Braid Material		Copper
Braid dimensions: No. of carriers (Nc)		16
Braid Dimensions: No. of strands per carrier (Ns)		8
Braid Dimensions: strand diameter (Ø)	in	0.004
Braid Resistance	Ohm/km	< 13
Braid Coverage	%	73
2nd foil		No
2nd foil glued to the dielectric		No
Petrol-Jelly		No
Anti-migrating film		Yes
Outer sheath Diameter	in	0.26
Outer sheath Material		PE
Minimum bending radius	in	1.299
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	-40 ... 176
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	0.08
Atenuacion 500MHz	dB/m	0.13
Atenuacion 698MHz	dB/m	0.15
Atenuacion 800MHz	dB/m	0.16
Atenuacion 862MHz	dB/m	0.17
Atenuacion 950MHz	dB/m	0.18
Atenuacion 1000MHz	dB/m	0.19
Atenuacion 1220MHz	dB/m	0.2
Atenuacion 1350MHz	dB/m	0.22
Atenuacion 1750MHz	dB/m	0.25
Atenuacion 2050MHz	dB/m	0.26
Atenuacion 2150MHz	dB/m	0.27
Atenuacion 2200MHz	dB/m	0.28
Atenuacion 2300MHz	dB/m	0.29
Atenuacion 2400MHz	dB/m	0.3
Atenuacion 3000MHz	dB/m	0.33