Class A++ coaxial cable lead

Coaxial cable lead pre-connected with an F compression connector on each end (ref. 3802). Made of SK2000plus cable (ref. 4138xx), a Class A++-coaxial cable with triple shielded.
Suitable for professional use, besides the regular use in the connection between outlet and TV devices.
Supplied in an individual bag with hanger.

Ref.	3851
Logical ref.	FS-FS2015
EAN13	4031136022068

Other features

Colour	White
Length	1.50 m

Packaging info

Bag	1 pcs.
Box	30 pcs.

Physical data

Net weight	92.00 g
Gross weight	92.00 g
Width	12.00 mm
Height	1,557.00 mm
Depth	12.00 mm
Main product weight	92.00 g

Highlights

- Copper coaxial cable conductors
- Triple shielded, class A++. Eca Euroclass

Main features

- White-colour external PVC sheath
- Available in different lengths

Discover

Class A++ Trishield (TSH) coaxial cable

With three shielding layers (Trishield), this cables provide the highest immunity to interference thanks to its very high shielding. Recommended in cases of high electromagnetic noise levels.

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

- For 5 MHz - 30 MHz => TI < 0.9 mΩ/m
- For 30 MHz - 1000 MHz => SA > 105 dB
- For 1000 MHz - 2000 MHz => SA > 95 dB
- For 2000 MHz - 3000 MHz => SA > 85 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.

Televes®

Technical specifications : Ref. 3851

Standard		EN 50117-2-4																		
Euroclass		Eca																		
Class		A++																		
Inner conductor Diameter	mm	1.02																		
Inner conductor Material		Copper (Cu)																		
Inner conductor Resistance	Ω/km	< 22																		
Dielectric Diameter	mm	4.6																		
Dielectric Material		Foam polyethylene (PEE)																		
Dielectric Color		White RAL 9003																		
Overlapped foil		Aluminium + Polyester + Aluminium																		
Braid Material		Tinned copper (CuSn)																		
Braid dimensions: No. of carriers (Nc)		24																		
Braid Dimensions: No. of strands per carrier (Ns)		7																		
Braid Dimensions: strand diameter (Ø)	mm	0.1																		
Braid Resistance	Ω/km	< 10.5																		
Braid Coverage	%	82																		
2nd foil		Yes																		
2nd foil glued to the dielectric		No																		
Petrol-Jelly		No																		
Anti-migrating film		No																		
Outer sheath Diameter	mm	6.7																		
Outer sheath Material		PVC																		
Outer sheath Thickness	mm	0.3																		
Minimum bending radius	mm	33.5																		
Transfer impedance (5-30MHz)	mΩ/m	< 0.9																		
1GHz shielding	dB	> 105																		
Connector type 1		"F" Compression																		
Connector type 2		"F" Compression																		
Spark Test	Vac	3000																		
Capacitance	pF/m	54																		
Impedance	Ω	75																		
Velocity ratio	%	84																		
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	0.02	0.05	0.05	0.06	0.09	0.14	0.17	0.19	0.19	0.19	0.21	0.22	0.25	0.28	0.3	0.31	0.31	0.32	0.33	0.36