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SK2020plus Coaxial cable, 18AtC

B2ca Euroclass, A++ Class shielded

Outstanding features and high performance in case of fire

Coaxial cable with both conductors made of copper (Cu/Cu) and excellent braid coverage (82%). Triple shielded (TSH) cable, equipped with a second foil for extra shielded. An 18AtC cable with UV-resistant LSFH sheath.

Ref.413910	100m (plastic reel)
Art.Nr	SK2020PLUS
EAN13	8424450190524
Ref.413911	250m (plastic reel)
Art.Nr	SK2020/250PLUS
EAN13	8424450191491
Ref.413912	500m (wooden reel)
Art.Nr	SK2020PLUS-T
EAN13	8424450190531

Highlights

- Copper conductors
- Class A++ shielded
- B2ca Euroclass: one of the top cable categories - given its performance and fire resistance

Main features

- External UV-resistant LSFH sheath, white colour
- 75 Ohm characteristic impedance
- Available in reels of 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.

Technical specifications

Type		SK2020plus
Standard		EN 50117-2-4
Euroclass		B2ca
Class		A++
Inner conductor	Ø mm	1,05
	Material	Copper
	Res. Ohm/Km	22
Dielectric	Ø mm	4,6
	Material	Expanded polyethylene
Inner foil		Aluminium + Polyester
Braid	Material	Tinned copper (98%Cu)
	Dimensions (Nc x Ns x Ø)	24 x 7 x 0,10
	Res. Ohm/Km	<11
	% coverage	82
2nd shielding foil		Si
Petro-jelly		No
Outer sheath	Ø mm	6,9
	Material	LSFH, UV Resistant
Bending radius minimum		mm
1GHz shielding		dB
Capacitance		pF/m
Impedance		Ohm
Transfer impedance (5-30MHz)		mOhm/m
Velocity ratio		%
Attenuation (dB/m)		
Frequency (MHz)	200	0,09
	500	0,14
	800	0,18
	1000	0,21
	1350	0,24
	1750	0,28
	2050	0,3
	2300	0,31