Televes förbehåller sig rätten att ändra produkten

RG-6T coax cable 1,0/4,6

Dca Euroclass, Class A+ shielded 18AtC

RG6 coaxial cable with copper inner conductor and with a screen of aluminum (Cu / Al) that has a screen coverage of as much as 58%. Triple shielded (TSH) cable where a second foil has been used for extra shielding. An 18AtC cable with a UV-resistant LSFH housing.

Ref.415201	100m (plastic wheel)	
	Art.No	SK6L
	EAN13	8424450187692
Ref.415202	250m (plastic wheel in box)	
	Art.No	SK6L-250
	EAN13	8424450187708
Ref.415203	500m (whood drum)	
	Art.No	SK6L-T
	EAN13	8424450187715

Highlights

- Inner conductor of copper and with screen of aluminum
- Class A + shielded
- Dca-s1, d1, a1 Euroclass

Main functions

- Exterior UV-resistant white LSFH casing
- 75 Ohm characteristic impedance
- Available in bobbins of different lengths

Class A+ Tripple shielded (TSH) coaxial cable

With three shielding layers (triple shielded), this cable provides the best possible protection against interference due to its extreme HF density. This is not least recommended for areas with high electromagnetic levels.

The cables follow standard EN 50117, "Class A +", through their construction:

- For 5 MHz - 30 MHz => TI < 2.5 mΩ/m
- For 5 MHz - 1000 MHz => SA > 95 dB
- For 1000 MHz - 2000 MHz => SA > 85 dB
- For 2000 MHz - 3000 MHz => SA > 75 dB

It is "transfer impedance" (TI) that determines how effective the shielding is at low frequencies, while "shielding attenuation" (SA) is determined in the range 30 MHz-to 3000 MHz.

Technical specifikations

Model		RG-6T																							
Cable type		RG-6																							
Standard		EN 50117-2-5																							
Euroclass		Dca																							
Euroclass: Smoke Production		s1																							
Euroclass: Flaming droplets		d1																							
Euroclass: Acidity		a1																							
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		Aluminium																							
Braid dimensions: No. of carriers (Nc)		16																							
Braid Dimensions: No. of strands per carrier (Ns)		4																							
Braid Dimensions: strand diameter (Ø)	mm	0,16																							
Braid Resistance	Ω/km	< 23																							
Braid Coverage	%	58																							
2nd foil		Yes																							
2nd foil glued to the dielectric		No																							
Petrol-Jelly		No																							
Anti-migrating film		No																							
Outer sheath Diameter	mm	7,06																							
Outer sheath Material		LSFH																							
Outer sheath Thickness	mm	0,3																							
Minimum bending radius	mm	35,3																							
Transfer impedance (5-30MHz)	mΩ/m	< 2,5																							
1GHz shielding	dB	> 95																							
Spark Test	Vac	3000																							
Capacitance	pF/m	54																							
Impedance	Ω	75																							
Velocity ratio	%	84																							
Operating temperature	°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		0,02	0,05	0,05	0,06	0,09	0,14	0,17	0,18	0,19	0,2	0,21	0,23	0,25	0,28	0,3	0,31	0,32	0,32	0,33	0,36			