Televes®



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

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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 < $2.5 \text{ m}\Omega/\text{m}$
- 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.

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Technical specifikations

Cable type			I																				
Euroclass	Model			RG-6T																			
Euroclass: Smake Production Euroclass: Smake Reproduction Euroclas: Smake Reproduction Euroclas: Smake Reproduction Euroclas: Smake Reproduction Euroc																							
Euroclass: Smoke Production Euroclass: Chickly Class Cl	Standard			EN 50117-2-5																			
Curcolass: Flaming droplets	Euroclass												Dca										
Class	Euroclass: Smoke Production			s1																			
Content	Euroclass: Flaming droplets			d1																			
Inner conductor Diameter Inner conductor Material Inner conductor Material Inner conductor Resistance Inner conductor Resi	Euroclass: Acidity			a1																			
Maner conductor Material Marie M	Class			A+																			
Productor Resistance	Inner conductor Diameter	mm		1,02																			
Dielectric Diameter	Inner conductor Material			Copper (Cu)																			
Dielectric Material Dielectric Color Dielectr	Inner conductor Resistance	Ω/km		< 22																			
Paragraph Para	Dielectric Diameter	mm		4,6																			
Paral Material Para	Dielectric Material			Foam polyethylene (PEE)																			
Paid dimensions: No. of carrier (NC) Paid dimensions: No. of carrier (NC) Paid dimensions: No. of strands per carrier (NC) Paid Dimensions: Strand dimensions: No. of strands per carrier (NC) Paid Dimensions: Strand dimensions: Str	Dielectric Color			White RAL 9003																			
Parial dimensions: No. of carrier (Nc) Parial Dimensions: No. of strands per carrier (Ns) Parial Dimensions: Strand Parial Dimensions	Overlapped foil			Aluminium + Polyester + Aluminium																			
Parial Dimensions: No. of stand plane Parial Dimensions: Strand plane	Braid Material											Αlι	ıminium	1									
Paraid pinensions: strand mm mm mm mm mm mm mm				16																			
Raid Resistance				4																			
Salid Coverage		mm		0,16																			
2nd foil glued to the dielectric	Braid Resistance	Ω/km											< 23										
Petrol-Jelly	Braid Coverage	%											58										
Petrol-Jelly Anti-migrating film California Substitution	2nd foil												Yes										
Anti-migrating film No Outer sheath Diameter mm 1,06 Outer sheath Material Separation of the produce of the prod	2nd foil glued to the dielectric												No										
Outer sheath Diameter mm ISFH Outer sheath Material ISFH Outer sheath Thickness mm ISFH Minimum bending radius mm ISFH Transfer impedance (5-30MHz) mΩ/m ISFH Spark Test Vac ISFH Spark Test Vac ISFH Impedance pF/m ISFH Velocity ratio % ISFH Velocity ratio % ISFH Frequencies MHz MHz <t< th=""><th>Petrol-Jelly</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>No</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>	Petrol-Jelly												No										
Outer sheath Material LSFH Outer sheath Thickness mm -95 Minimum bending radius mmΩ/m < 22,5	Anti-migrating film												No										
Outer sheath Thickness mm	Outer sheath Diameter	mm		7,06																			
Minimum bending radius mm 35,3	Outer sheath Material			LSFH																			
Transfer impedance (5-30MHz) mΩ/m GHz shielding dB	Outer sheath Thickness	mm		0,3																			
1GHz shielding dB > 95 Spark Test Vac 3000 Capacitance pF/m 54 Impedance Ω 75 Velocity ratio % 84 Operating temperature °C 47 MHz 54 MHz 90 MHz 500 698 MHz 800 MHz MHz 862 MHz 1000 MHz 1220 MHz 1750 MHz 2050 MHz 2300 MHz 2400 MHz MHz MHz Frequencies MHz	Minimum bending radius	mm		35,3																			
Spark Test Vac FF/m S4 S4 S4 S4 S4 S4 S4 S	Transfer impedance (5-30MHz)	mΩ/m											< 2,5										
Capacitance pF/m 54 Impedance Ω 75 Velocity ratio % 84 Operating temperature °C 54 90 200 500 698 800 862 950 1000 1220 1350 1750 2150 2200 2300 2400 MHz	1GHz shielding	dB											> 95										
Impedance Ω 75 75 84 75 75 75 75 75 75 75 7	Spark Test	Vac											3000										
Velocity ratio % 84 Operating temperature °C 5 47 MHz	Capacitance	pF/m											54										
Operating temperature °C -25 70 Frequencies 5 MHz	Impedance	Ω											75										
Frequencies	Velocity ratio	%	84																				
MHz	Operating temperature	°C	-25 70																				
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	Frequencies																						
	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	2 0,33	0,36	