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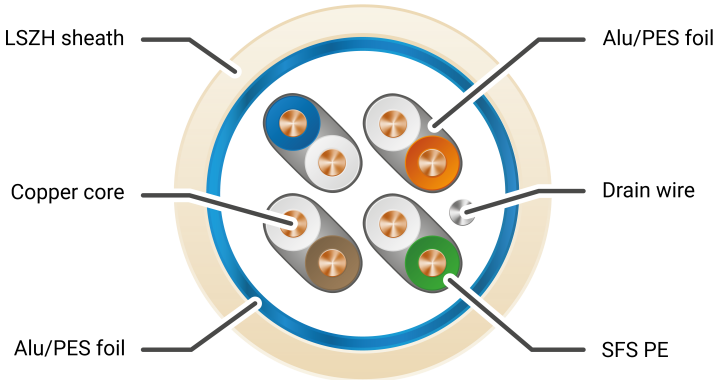
G3TV4CT6000

Grade 3 TV F/FTP 1x4P LSZH Cca Cable - 6000m Drum, Grey

DESCRIPTION

Grade 3 TV F/FTP cable dedicated to residential use. Ideal solution for IPTV applications or TV signal distribution such as DVB-T/T2 and DVB-S/S2. Supports speeds up to 10 Gbps. Wide bandwidth up to 2.2 GHz on pair 7/8. The cable complies with CPR level Cca.





ADVANTAGES

- 2.2 GHz bandwidth on 7/8 pair
- Compliant with new XPC 93-531-17 standard
- Coupling attenuation -85dB in the 30/100MHz frequency band

Updated: 26/06/2026

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CONSTRUCTION & TECHNICAL PERFORMANCE	
Core gauge	AWG23
Nominal insulation diameter (mm)	1.41
Assembly type	Pairs
Shielding description	Aluminum polyester tape
Outer Sheath Material	LSZH
Color	Ivory RAL 1013
Nom. diameter of the outer sheath (mm)	7.6
Ground drain presence	Yes
Shielding type	F/FTP
Insulation Color Code	Blue and Blue White or White - Orange and Orange White or White - Green and Green White or White - Brown and Brown White or White
Weight (Kg/Km)	50
ELECTRICAL CHARACTERISTICS	
Loop resistance (Ω / Km)	130
Service Voltage (V)	<250Vdc
Minimum insulation resistance	5000 MΩ x km
Linear electrical resistance (Ω/Km)	65
Mutual Capacity	< 45 pF
Capacity Imbalance	< 1600 pF/km
TRANSMISSION CHARACTERISTICS	
Coupling attenuation (dB)	85
Delay skew	< 45
Unbalance resistance	< 2
Propagation speed (%)	73
Segregation Class	D
Performance Category	Grade 3 TV
Data Transmission Standard	NF 93-531-17
Characteristic Impedance (Ohms)	100 Ohms
Conductor/Shield Capacitance	1,6 nF/km
Conductor/Conductor Capacitance	45 nF/km
MECHANICAL CHARACTERISTICS	
Bending Radius in Fixed Installation	8 x Ø ext

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MECHANICAL CHARACTERISTICS	
Bending Radius in Mobile Installation	15 x Ø ext
ENVIRONMENTAL CHARACTERISTIC	
CPR classification	Cca s1, d1, a1
Fire behaviour	IEC 60332-1
Smoke emission	IEC 61034-1 & -2
Gas emission	IEC60754-2
RoHS Compliance	Compliant with the RoHS directive
Component Standard	NF 93-531-17
ADDITIONAL INFORMATION	
Product Packaging	Drum of 6000m

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