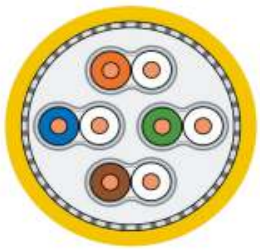
VOYGAR CAT7A S/FTP1500MHz 4PR AWG 22/1 Dca Halogen-free compound (FRNC) CABLE Roll 500M Yellow

Ref: V-C7A3SL56





Features

Data cable for analogue and digital signal transmission in the frequency range up to 1500 MHz. It is designed for primary(campus), secondary (riser) and tertiary (horizontal) wiring.
Use: IEEE 802.3; 10/100/1000/10GBase-T FDDI, broadband, video, ISDN, ATM, Multimedia, PoE,PoE+, CATV

Dimensions

Sheath thickness appr.	0.60mm
Diameter appr.	8.4mm
Cable weight ca.	73 kg/km
Copper index	42kg/km
Cable Length	500 m
Calorific potential	705MJ/km

Construction

Conductor	copper, solid, bare, AWG 22/1
Core insulation	SFS-PE
Core stranding	cores twisted to layers
Screen	pair screen (PIMF) (plastic-laminated aluminium foil); drain wire optional; tinned copper wire braid.
Sheath	halogen-free compound (FRNC)
Colour	Yellow

Electrical Specifications

ANSI/TIA Category	7A
(Conductor) loop resistance max.	11.5Ω/100m
Insulation resistance min.	5GΩx km
Char. impedance 1 – 100 MHz	100 ±15 Ω
Char. impedance 100 – 250 MHz	100 ±22 Ω
Char. impedance 250–500MHz	100 ±25Ω
Transfer impedance max. (10MHz)	5mΩ/m
Mutual capacitance nom.	45nF/km

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Screen attenuation ≤ 1000MHz min.	85dB
Mutual capacitance nom.	45 nF/km
Relative propagation velocity ca.	0,79c
Test voltage	700 V-AC

Thermal & mechanical property

Temperature range during installation	0°C to +50°C
Temperature range stationary	-20°C to +60°C
Min. bending radius under tensile load	8 x diameter
Min. bending radius without tensile load	4 x diameter
Maximum traction	150N

Standards

- EN 50288-4-1 • EN 50288-9-1 • IEC 61156-5 • EN 50173-1
- ISO/IEC 11801 2. edition
- IEC 60332-1-2 • IEC 60332-3-24 • EN 50399 • EN 50575 • IEC 60754-2
- EN 61034 • IEC 61034 • IEC 60811-2
- EN 13501-6 class Dca -s1 d2 a1
- RoHS 2011/65/EU

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