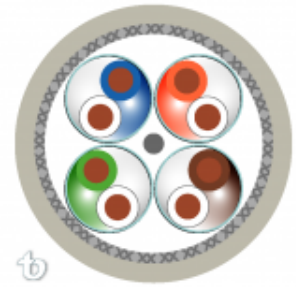


Alcadon

GigaDor Junior Cat. 6_A, Cat. 7 4x(2x23 AWG) S/FTP

Part Number: **9928654129**

Applications: Indoor use, fixed installations, High data rates
General Construction: The cable contains 4 individually foil-shielded twisted pairs (aluminum face upward), cabled together around a drain wire cabled and overall braid-shielded. It conforms to IEC 61156-5 Cat. 7, Cat. 6_A Cat. 6, and Cat. 5e requirements and tested up to 1000 MHz
Outer Jacket Material: FR-LSZH
Outer Diameter: 8.0 mm nom.
Weight: 65 kg/km



Design & Materials

Conductor Material:	Bare Copper
Conductor Size:	23 AWG
Conductor Construction:	Solid
Insulation Material:	Cellular PO
Insulation O.D.:	1.34 mm nom.
Conductor unit identification:	Solid/stripe
Color code:	Per TIA/EIA 568-B
Ind. Shield Material:	Aluminum/Polyester Foil
Ind. Shield Design:	100% Coverage
Conductor unit lay-up:	Pairs
Drain-wire 1 Material:	Tinned Copper
Drain-wire 1 Construction:	Solid
Drain-wire 1 size:	24 AWG
Overall Braid Shield:	Yes
Braid Coverage:	60 %
Overall Drain-wire Material:	Tinned Copper
Total number of wires:	8
Outer Jacket Color:	Grey
Marking:	Standard, Per request

Standards

Flamability Rating:	IEC 60332-1, UL 1581 VW-1
Standards:	IEC 61156, ISO/IEC 11801, RoHS 2002/95/EC
Frequency Range:	1 - 600 MHz
Impedance:	100
Transfer Impedance:	Grade 1
Coupling Attenuation:	Type I
DC Resistance:	73 /km nom.
Max. Resistance Unbalance:	2 %
Capacitance Unbalance:	1.2 pF/m max.
Velocity of Propagation:	78 % nom.
Propagation Delay Skew:	25 ns/100m max.
Dielectric Strength:	700 V/minute
Dielectric Strength to Shield:	700 V/minute
Min. Insulation Resistance :	5 G •km
Tensile Strength - Short Term:	130 N max.
Min. Bend Radius:	60 mm
Max. Operating Temperature:	+ 70 °C
Min. Operating Temperature:	- 40 °C