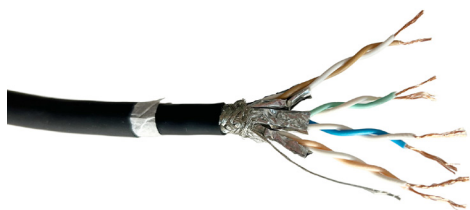


RoHS  
Compliant



## Specification

### Conductor

Material : Bare Copper (OFC)  
Construction : 7mm × 0.2mm  
Cross Section : 0.22mm<sup>2</sup> (24AWG) × 8

### Insulation

Material : Foam-Skin Polyethylene (FPE-SKIN)  
Thickness : 0.35mm  
Diameter : 1.34mm × 4P  
Color : 1P)White/Orange; 2P)White/Green; 3P)White/Blue; 4P)White/Brown

### Shielding

Material : Aluminum Foil + Tinned Copper (T-OFC)  
Construction : Alfoil × 4 + 144mm 0.1mm Braiding  
Coverage : 100% Alfoil + 80% T-OFC Braiding

### Inner Jacket

Material : Polyvinylchloride (PVC)  
Thickness : 0.6mm  
Diameter : 7.2mm

### Filler

Material : Paper

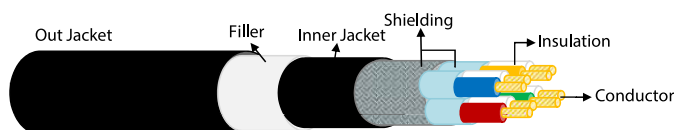
### Outer Jacket

Material : Soft Polyvinylchloride (S-PVC)  
Thickness : 0.6 MM  
Diameter : 8.7 MM  
Operation Temp. : -15°C to 60°C

### Electric Characteristic

Nom. Imp. : 100Ω  
Conductor Resistance : 87.60 Ω/KM  
Max. Mutual Cap. : 56 PF/M  
Nom. Vel. of Prop. : 69%

## Construction



## Part Number Table

Description	Part Number
LAN Cable CAT 6a, 24 AWG, Black, 100m	MP013687

**Important Notice** : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.