



# **SCS6AS Cat.6A Patchcords** **Screened F/UTP 4 pairs PVC**



## **Standards of reference and applications**

EIA/TIA 568-C.2, ISO/IEC 11801, EN 50288-10, IEC 61156-5, EN 50173-1  
Gigabit Ethernet 10GBASE-T, Fast Ethernet 100 BASE-T, Fast Ethernet 100 BASE-TX,  
Ethernet 10 BASE-T, 155 Mbit ATM, 625 Mbit ATM, 1.2 Gbit ATM

## **Product Features**

- Category 6A Compliant, 500MHz
- Backward Compatible
- Choice of Colours
- T568B wiring
- Moulded strain relief boot with clip protector
- Individually bagged

## Installation Features

**Store at** -0 to +60 °C

**Install at** -0 to +50 °C

**Operate at** : -10 to +65 °C

**Durability** : > 700 Cycles (in/out)

## Design

**Cable conductor** : stranded bare copper AWG26 /7×0.16mm)

**Cable insulation** : HDPE 0.98mm ± 0.06mm

**Cable shield** : overall aluminium foil with drain wire 7×0.16mm

**Cable outer jacket** : PVC material, nominal diameter 5.8mm

**Cable marking** : APS Finland – Category 6 F/UTP 4 pairs 26AWG Patch Cable – 100Ohm – ISO/IEC 11801 TIA/EIA-568C.2-1 UL LISTED – m

**Type of connector (end A)** : PC Plug RJ45 8(8) screened, phosphor bronze contacts, gold plating.

**Type of connector (end B)** : PC Plug RJ45 8(8) screened, phosphor bronze contacts, gold plating.

**Type of boot (end A)** : moulded

**Type of boot (end B)** : moulded

## Environmental properties and Fire Performances

**Flame retardant** : IEC60332-1

## Electrical characteristics

**Dielectric strength** : 1000V for 3 seconds

**Voltage** : 150V

**Current** : 1.5A

**Contact resistance** :  $\leq 20\text{m}\Omega$

**Typical resistance unbalance** : 2%

**Insulation Resistance** : min. 150 M $\Omega$ /km

## Ordering and delivery information

P/N	Packaging
PCMJ6Fxxc	1 pc/bag

xx = meter length (ex. 0,5m = 05; 1m = 1; 2m = 2; 10m = 10; ...)

c = colours = Red (RD), Blue (BU), Black (BK), Green (GN), Yellow(YW), White (WT), Violet (VT), Orange (OR), Pink (PK).

## Recommended connectivity

**Horizontal cable** : DCC6AFTP4PV, DCC6AFTP4PH, DCC6AFTP4PE

**Keystone jack** : KJ6ASTPNH / KJ6ASTPNY

**Panel** : PPE24SU

**Faceplate** : FP86150S245, FP86171S245

## **Extended System Warranty**

The APS System Warranty assures the compliance of the system performance to the applicable class of cabling for a period of 25 years. The warranty may be applied for by an accredited APS Partner who has designed and/or installed the entire system.

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