



## SPECIFICATION SHEET

### CAT6A SF/UTP MALE TO FEMALE EXTENSION CABLE

ITEM NO.: UMPM7005



#### KEY FEATURES :

- High Quality CAT6A SF/UTP (PIMF) Double Fully Shielded Male to Female Extension Cable
- Pair in Metal Foil (PIMF) shielded reduces ingress of EMI/RFI interference to ensure cable performance at high frequency
- Convenient way to extend the connection between all kinds of LAN network components in a noisy, EMI/RFI environment
- Meets or exceeds TIA/EIA -568-C.2 and ISO/IEC 11801 Specification
- Provides outstanding transmission performance and low signal loss
- Tested to 500 MHz and support 10GBase-T Gigabit Ethernet
- Lifetime Warranty

# CAT6A SF/UTP MALE TO FEMALE EXTENSION CABLE

## Electrical Characteristics:

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Conductor DC Resistance:	93.8 Ohm/km (maximum)
Insulation Resistance :	100 Ohm/km (minimum)
Capacitance:	5600pf/100m
Propagation Delay:	545ns/100m (maximum)
Delay Skew:	45ns/100m (maximum)

## Physical Characteristics:

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Voltage Rating:	30V
Temperature Rating:	80°C
Operating Temperature Range:	-20°C - 80°C
Storage Temperature Range:	-25°C - 85°C
Approvals:	RoHS, CE, UL Compliant

## Conductors (4 pairs)

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Conductor Type:	26AWG Bare Copper
Insulation:	HDPE
Color:	White/Orange, White/Green White/Blue, White/Brown
Braid:	16/5/0.12 Aluminum Magnesium
Shield:	Aluminum Foil, 100% Coverage

## Overall

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Jacket:	PVC, LSZH, LDPE, CMX, CM, CMR, CMP
OD:	6.5±0.2mm
Connector 1:	CAT6A SF/UTP Male
Connector 2:	CAT6A SF/UTP Female

## Customized Parameters

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Guage:	AWG 28, 27, 26
Length:	0.2, 0.5, 1, 2, 3, 5, 10, 20m
Color:	Customized
Package type:	PE bag, Zip bag, Box, Hang card, Blist