

## AT&T OutdoorLine Category 6A LAN Copper Connectivity

### Shielded RJ45 Industrial Plugs

#### Description

8P8C shielded RJ45 IP67 industrial plugs	
Frequency range	1-500 MHz
Compatible conductors	24-26 AWG Solid or stranded
Contacts	Gold plating over nickel plated copper alloy
Shield	Corrosion resistant metal casing
Housing	FR Polycarbonate
Protective covers	FR UV-resistant heavy-duty plastic material

#### Standard & EU Directives Conformance

- 500MHz connectors according to IEC 60603-7-51
- Category 6A connecting hardware acc. to ISO/IEC 11801
- Category 6A connecting hardware acc. to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)
- IEC 60529 IP67
- UL 1863 Communications-Circuit Accessories Safety

#### Mechanical & Electrical Properties

Ampacity	1.5 A max.
Cable form compatibility	Flat or round
Insertion/withdrawal	750 cycles Level A durability
Cable re-termination	0 terminations
Operating temperature	-25 to +70C at 5-93% RH (Non condensing)
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc



#### Ordering Information

Description	Plug Color	Cover Color	Conductor	Packaging	P/N
8P8C RJ45 Shielded CAT6A IP67 Industrial Plug	Transparent	Black	Solid	1/Bag	15S6AFV008A-BK61
8P8C RJ45 Shielded CAT6A IP67 Industrial Plug	Transparent	Black	Stranded	1/Bag	15S6AFV008B-BK61
8P8C RJ45 Shielded CAT6A IP67 Industrial Plug	Transparent	Black	Solid & Stranded	1/Bag	15S6AFV008C-BK61