



RJ45 CAT 5E ETHERNET Super ITS - RJ45 SuperSeal™ Rugged Field Connectors



Environmental, shielded, reverse-bayonet connectors



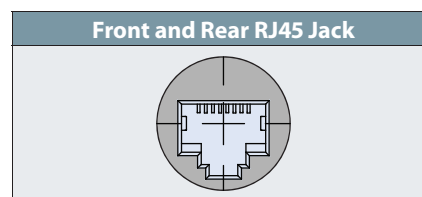
Super ITS 330: feedthrough connector with RJ45 jack/jack mating interface

Super ITS 330 RJ45 SuperSeal, Cat 5e feedthrough connectors mate with any Super ITS 300 or 301 series plug connector. Super ITS 330 SuperSeal Cat 5e feedthrough connectors support 10BASE-T, 100BASE-TX, and 1000BASE-T/1000BASE-TX data rates. Rugged reverse-bayonet mating on both sides provides easy plug-to-jack intermateability while the locking three pin bayonet coupler prevents demating under high shock and high vibration conditions.

SUPER ITS: RUGGEDIZED RJ45 ETHERNET AND USB

Performance Specifications	
Material and Finish	
Material/Finish	See How to Order table
RJ45 Coupler Housing	UL94V-0 Compliant ABS or PPS
Grommet, Peripheral Seal, Interfacial Seal, O-ring	Blended fluorosilicone/ silicone elastomer, 30% silicone per ZZ-R-765, 70% fluorosilicone per MIL-R-25988
Shielding Sleeve	Material: Copper alloy Finish: Nickel
Signal / Electrical Specifications	
Data Rate	CAT 5e = 10BASE-T, 100BASE-TX, and 1000BASE- T/1000BASE-TX
Frequency	100 MHz, Cat 5e
Current Rating	Cat 5e, 1.5 Amps
D.W.V.	1000 VDC (700 VAC)
I.R.	500 Mega ohms @ 500 VDC
Cabling Length	Up to 100 meters or 100 meters max.
Mechanical Performance	
Sealing	IP68 mated condition, IP67 unmated condition
Operating Temperature	-40°C to +120°C
Vibration	37 g
Mechanical Shock	300 g's
Mating Cycles	500

How To Order						
Sample Part Number:	ITS 330	03PP	18	5E	1	F7
Series	ITS 330 = Cat 5e Connectors					
Shell Style	03PP = Feedthrough connector					
Shell Size	18					
Cable Category	5E = Cat 5E; for Cat 6A applications consult factory					
RJ45 Orientation	1, 2, 3 or 4					
Material / Finish	Omit for aluminum / cadmium olive drab (G3) F6 = Aluminum / black electrodeposited paint F7 = Aluminum / black zinc nickel F11 = Aluminum / electroless nickel					



RJ45 Orientation Options			
Receptacle			
Code 1	Code 2	Code 3	Code 4

