

MODCON® SUPERIOR PLUG SERIES



INELCO's modcon® modular connectors are a part of one of the most advanced connector series on the market, with one of the broadest range of products. INELCO's modcon® modular connectors are widely used in various applications. The modcon® modular SUPERIOR plug series, with **ADVANCED ALIGNMENT AND ASSEMBLY TECHNOLOGY FOR CONNECTORS / AAATC®**, was developed for office environments.

Key Features:

- ➔ Excellent electrical performance
- ➔ Single-Step termination process – shield and contacts are crimped in 1 operation
- ➔ 360 degree shield termination
- ➔ Direct shield connection from cable to connector
- ➔ Management bar for ease of assembly
- ➔ Smooth gold plated contacts
- ➔ Contact design which allows stranded conductor termination
- ➔ slim design for use in high density applications
- ➔ for over-molding especially



Technical Spec.:

Insulation Resistance: 1.000 MΩ
 Contact Resistance: 10mΩ
 Current/Voltage: 30V AC / 42V DC at 1,5A
 Withstanding Voltage: 1.000 V AC/min
 Durability: 1.000 ... 2.500 Mating Cycles
 Selective Gold Plating: 30 " or 50 "
 Contacts: Phosphor Bronze w Au Plating on Ni
 Housing: Polycarbonate UL94-V0 / UL94-V2
 Operation Temperature: -40°C +70C
PLUG COMPLIES WITH F.C.C. REQUIREMENTS
 Conform to ANSI/TIA/EIA-568-B.2-10,
 ISO/IEC11801 and CENELEC EN50173 for Category 6a/Class EA

ASSEMBLY TOOLING



modcon® MODULAR SUPERIOR PLUG SERIES WITH AAATC®	CATEGORY	WIRE MANAGING BAR OD IN MM			WIRE SEPARATOR	SHIELD CAN STRAIN RELIEFE OPENING				
		0.8	1.0	1.1		Ø 5.0mm	Ø 5.5mm	Ø 6.0mm	Ø 6.5mm	Ø 7.0mm
			1236	✓		✓	✓	✓	✓	✓
	CAT5e	✓	✓	✓	✓	✓	✓	✓	✓	
	CAT6	✓	✓	✓	✓	✓	✓	✓	✓	
	CAT6a	✓	✓	✓	✓	✓	✓	✓	✓	