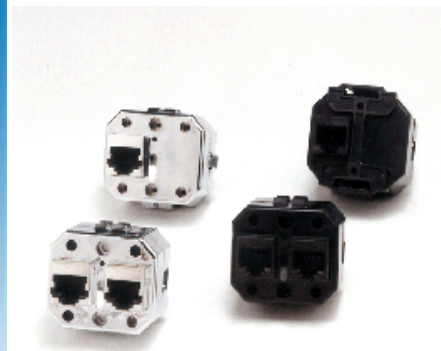


Double6™ Communication Outlet

Features



- A universal interconnection module, fits standard wall boxes of many countries.
- Special angled port design reduces cable tension and strain, and greatly enhances cable protection.
- High performance panel that supports Category 6 performance specifications up to 250 MHz.
- Confirms to ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 6/Class E.
- Fully shielded or unshielded option with Krone Blocks.
- Unshielded option with 110 Blocks.
- Simple assembly and installation for reliable performance.
- Complete EMI/RFI protection in shielded models.

Double6™ Communication Outlet

Description



The RiT Double6 Interconnection System is the ultimate solution for any modern wiring system in today's high-performance computing environment. The system features a universal two-port module for installation into wall outlets. The module is easy to assemble and quick to install.

Double6 modules are available in shielded and unshielded models with Krone LSA-Plus or 110 blocks.

Grounding terminals are provided for easy termination of cable shielding braids. Cables can exit the module in various directions in order to comply with different space restraints. All models feature Category 6 performance using RiT's proprietary design.

Double6™ Communication Outlet

Specifications



Interface

■ **Front Interconnection**

1 or 2 high quality, eight-position RJ-45 modular jacks, shielded or unshielded as specified by customer. Use of RiT patch cords is recommended.

■ **Internal Cable Interconnection**

Two connector options as specified by customer

- a. 2 eight-position or four-position KRONE LSA-PLUS blocks, accept 22 to 26 AWG wires solid or stranded, rated to a minimum of 200 re-termination cycles.
- b. 2 eight-position or four-position 110 IDC blocks, accept 22 to 26 AWG wires, solid or stranded, rated to a minimum of 200 re-termination cycles.

Note: Termination tools must be ordered separately.

Pin Assignment

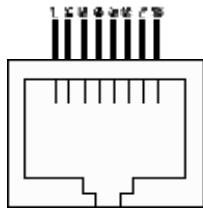
External

(identical for both RJ-45 connectors)

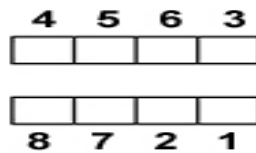
T568A				T568B				Notes:
Pin No.	Wire Color	Pair No.	Pin No.	Wire Color	Pair No.			
8	Brown	4	8	Brown	4	(1) Pin and pair numt		
7	White-Brown		7	White-Brown		per EIA/TIA-568		
5	White-Blue	1	5	White-Blue	1	(2) For Token-Ring ap		
4	Blue		4	Blue		use pins 3,6 & 4,5		
6	Orange	2	6	Green	3	(3) For 10 Base-T app		
3	White-Orange		3	White-Green		use pins 1,2 & 3,6		
2	Green	3	2	Orange	2			
1	White-Green		1	White-Orange				

Double6™ Communication Outlet

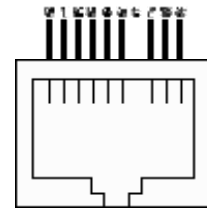
Specifications



Models with 8-Position RJ-45 jacks



Pin arrangement for a port



Models with 10-Position RJ-45 jacks (for Patch View)

Electrical Specifications

Standard

ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 6/Class E.

Performance Requirements

Meets all connecting hardware requirements

Category 6

General

- **Material**

Double6 module and faceplates: Halogen Free Flame Retardant (HFFR) thermoplastic.

- **Environment**

Temperature: -40o to 85oC
Humidity: 0-90% non-condensing

- **Compliance with International EMC Standards**

The Double6 line of products is designed to comply with EN-55022 Class B (Europe) and FCC Part 15, Subpart J, Class A (USA).