

# networking



## **The Spirit of Ecstasy**

The Spirit of Ecstasy was designed by Charles Robinson Sykes. The very first Rolls-Royce motorcars did not feature radiator mascots; they simply carried the Rolls-Royce emblem. This, however, was not enough for their customers who believed that such a prestigious vehicle should have its own luxurious mascot, and by 1910, personal mascots had become the fashion of the day.



332



# networking



company profile



head space



van damme



cable



manufacturing



connectors



patching



racking



mains



cable accessories



miscellaneous



appendix



index

Category 5E, 6 and 6A RJ45 patchbays	<b>333</b>
Keystone panel RJ45s, faceplates and backboxes	<b>334-335</b>
Category 5E, 6 and 6A cable connectors & RJ45 boots	<b>336-337</b>
Fibre Optic patchbays, breakout boxes, adaptors and wall plates	<b>337-338</b>

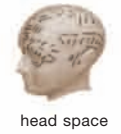
# data patchbays 333

## Cat 5E unshielded RJ45 patchbays 1

- Unshielded RJ45 patchbays available with either punchdown or feedthrough RJ45s
- Printed with port number – self-adhesive designation strip also available



Order code	Description
560-072-001	1U 1 row 24 port Cat 5E unshielded panel - punchdown
560-076-001	2U 2 row 48 port Cat 5E unshielded panel - punchdown
580-002-024	1U 1 row 24 port Cat 5E unshielded panel – feedthrough
560-078-001	Self-adhesive designation strip



## Cat 5E shielded RJ45 patchbays 2

- Shielded RJ45 patchbays available with either punchdown or feedthrough RJ45s
- Printed with port number and with write on labelling area – self-adhesive designation strip also available



Order code	Description
580-000-024	1U 1 row 24 port Cat 5E shielded panel – punchdown
580-001-024	1U 1 row 24 port Cat 5E shielded panel – feedthrough
560-078-001	Self-adhesive designation strip



## Cat 6 unshielded RJ45 patchbays 3

- Unshielded RJ45 patchbays available with either punchdown or feedthrough RJ45s
- Printed with port number and with write on labelling area – self-adhesive designation strip also available



Order code	Description
580-004-024	1U 1 row 24 port Cat 6 unshielded panel – punchdown
580-006-024	1U 1 row 24 port Cat 6 unshielded panel – feedthrough
560-078-001	Self-adhesive designation strip



## Cat 6 & Cat 6A shielded RJ45 patchbays 4

### CAT 6 shielded RJ45 patchbay – punchdown

- Fully enclosed design with integral cable management
- Printed with port number – self-adhesive labelling included

### CAT 6/6A shielded panel – feedthrough

- Works for both Cat 6 and Cat 6A 10G applications
- Supplied with cable management bar and grounding wire



Order code	Description
580-008-024	1U 24 port Cat 6 shielded panel – punchdown
580-009-024	1U 24 port Cat 6/6A shielded panel – feedthrough
560-078-001	Self-adhesive designation strip





company profile



head space



van damme



cable



manufacturing



connectors



patching



racking



mains



cable accessories



miscellaneous

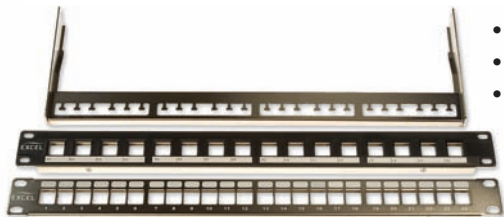


appendix



index

## 5 Keystone RJ45 patchbays



- 1U black or chrome 16 or 24 port patchbays (supplied empty)
- Integral cable management bar
- Accepts any of the keystone modules in the next section for a truly flexible system

Order code	Description
580-012-024	1U 24 port keystone panel black
580-014-024	1U 24 port keystone panel chrome
580-012-016	1U 16 port keystone panel black
580-014-016	1U 16 port keystone panel chrome

## 6 Keystone RJ45 connectors for patchbays & keystone jack faceplates



### Cat 6A screened toolless RJ45 jack

- Category 6A compliant
- No tools required for termination
- 360° shielded for alien crosstalk protection
- Suitable for 10 Gigabit Ethernet

### Cat 6 unscreened toolless RJ45 jack

- Category 6 compliant
- No tools required for termination
- Suitable for Gigabit Ethernet

### Cat 6 screened toolless RJ45 jack

- Category 6 compliant
- No tools required for termination
- 360° shielded for alien crosstalk protection
- Suitable for Gigabit Ethernet

### Cat 5E unscreened toolless RJ45 jack

- Category 5E compliant
- No tools required for termination
- Suitable for Gigabit Ethernet

### CAT 6A screened low profile toolless RJ45 jack

- Low profile version of 580-022-000
- Can be used in a standard depth back box

### CAT 6A unscreened toolless RJ45 jack

- Category 6A compliant
- No tools required
- Suitable for 10 Gigabit Ethernet

Order code	Description
580-016-000	Cat 5E unscreened toolless jack
580-018-000	Cat 6 unscreened toolless jack
580-020-000	Cat 6 screened toolless jack
580-022-000	Cat 6a screened toolless jack
580-021-000	Cat 6A unscreened toolless jack
580-032-000	Cat 6A screened low profile toolless jack

# data faceplates & back boxes

## Cat 5E and Cat 6 RJ45 loaded faceplates 1

- 1 gang shuttered Cat 5E and Cat 6 unscreened bevelled faceplates
- Available in plastic, chrome or brushed aluminium

Order code	Description
303-740-000	Single Cat 5E unscreened 1 gang faceplate plastic
303-742-000	Dual Cat 5E unscreened 1 gang faceplate plastic
303-744-000	Single Cat 6 unscreened 1 gang faceplate plastic
303-746-000	Dual Cat 6 unscreened 1 gang faceplate plastic
580-024-001	Single Cat 5E unscreened chrome faceplate
580-026-002	Dual Cat 5E unscreened chrome faceplate
580-032-001	Single Cat 5E unscreened aluminium faceplate
580-034-002	Dual Cat 5E unscreened aluminium faceplate



## Keystone jack Cat 5E, Cat 6 & Cat 6A RJ45 faceplates & mounting hardware 2

- 1 and 2 gang flat and bevelled plastic faceplates
- Flat and angled shuttered mounting hardware
- See Keystone RJ45 connectors for suitable connectors
- NB For Cat 6A toolless RJ45 an angled shuttered outlet in bevelled faceplate with minimum 37mm deep backbox must be used
- Low profile Cat 6A toolless RJ45 can be used with standard depth hardware

Order code	Description
580-036-000	Shuttered module for keystone jack white
580-038-000	Angled shuttered module for keystone jack white
580-040-000	Single gang bevelled faceplate white
580-042-000	Single gang flat faceplate white
580-044-000	Dual gang bevelled faceplate white
580-046-000	Dual gang flat faceplate white
580-048-000	Half width blank
580-050-000	Full width blank



## Plastic 1 and 2 gang surface backboxes 3

- 1 gang backboxes available in 27mm, 32mm, 37mm and 47mm depths
- 2 gang backboxes available in 27mm, 37mm and 47mm depths
- For flushmount backboxes please see the Mains section

Order code	Description
580-052-000	1 gang plastic backbox 27mm deep
580-054-000	1 gang plastic backbox 32mm deep
580-056-000	1 gang plastic backbox 37mm deep
580-058-000	1 gang plastic backbox 47mm deep
580-060-000	2 gang plastic backbox 27mm deep
580-062-000	2 gang plastic backbox 37mm deep
580-064-000	2 gang plastic backbox 47mm deep



# 336

# networking

## 1 Cat 5E RJ45 connectors



- Unshielded and screened crimp Cat 5E compliant RJ45 connectors
- Requires the Cat 5E unshielded/screened crimp tool listed below

Stock code	Description
303-718-000	Cat 5E RJ45 for unshielded cable
303-719-000	Cat 5E RJ45 for screened cable
303-734-000	Unshielded crimp tool
303-736-000	Screened crimp tool

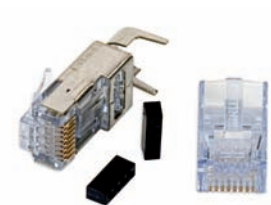
## 2 Cat 6 unshielded RJ45 connectors



- Unshielded crimp Cat 6 compliant RJ45 connectors

Stock code	Description
303-717-006	Cat 6 RJ45 for unshielded cable (unshielded)

## 3 Sentinel oversize Cat 5E/Cat 6 RJ45 connectors



- Sentinel unshielded and screened specialised RJ45 connectors for Van Damme solid conductor Tourcat cables and other oversize cables
- See the datasheet on the VDC website for connector to cable dimensional information
- Category 6 performance
- Unshielded connector will work with the standard screened crimp tool in section 1, screened connector requires Sentinel crimp tool
- Other Sentinel connectors available on a short lead time – contact the Sales Dept.

Stock code	Description
350-000-000	Sentinel Cat 5E/Cat 6 unshielded RJ45
350-002-000	Sentinel Cat 5E/Cat 6 screened RJ45
350-900-000	Sentinel crimp tool for screened RJ45

## 4 Harting 10G industrial Ethernet RJ45 connectors



- Tool free RJ45 connector suitable for up to 10G Ethernet
- Easy to assemble and no costly crimp tools required
- Suitable for conductor sizes AWG27 to AWG21 solid or stranded
- Maximum overall cable diameter of 9.00mm – ideal for the Van Damme SeaCat and SF-UTP Tourcat cables

Stock code	Description
332-300-000	Harting toolless industrial 10G Ethernet RJ45



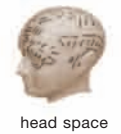
# data faceplates & back boxes

337

## RJ45 strain relief boots 5

- Suitable for up to 6.30mm OD cable

Stock code	Description
303-720-000	RJ45 boot black
303-722-002	RJ45 boot red
303-724-006	RJ45 boot blue
303-726-005	RJ45 boot green
303-728-004	RJ45 boot yellow
303-730-009	RJ45 boot white
303-732-008	RJ45 boot grey
303-733-007	RJ45 boot violet
303-723-003	RJ45 orange



## Fibre optic patchbays 1

- 1RU sliding tray patchbays available pre loaded with LC, ST and SC connectors
- MTRJ patchbays available to special order
- Includes a 24 way splice bridge, 2 x cable entry glands, 4 x self adhesive cable management ties, 4 x cage nut fixings and blanks for unused ports
- Selection of stamped cable access ports on the rear



Order code	Description
580-066-000	1U patchpanel loaded 8 x ST multimode (8 patch points)
580-068-000	1U patchpanel loaded 16 x ST multimode (16 patch points)
580-070-000	1U patchpanel loaded 24 x ST multimode (24 patch points)
580-072-000	1U patchpanel loaded 8 x ST single mode (8 patch points)
580-074-000	1U patchpanel loaded 16 x ST single mode (16 patch points)
580-076-000	1U patchpanel loaded 24 x ST single mode (24 patch points)
580-078-000	1U patchpanel loaded 4 x duplex SC multimode (8 patch points)
580-080-000	1U patchpanel loaded 8 x duplex SC multimode (16 patch points)
580-082-000	1U patchpanel loaded 12 x duplex SC multimode (24 patch points)
580-084-000	1U patchpanel loaded 4 x duplex SC single mode (8 patch points)
580-086-000	1U patchpanel loaded 8 x duplex SC single mode (16 patch points)
580-088-000	1U patchpanel loaded 12 x duplex SC single mode (24 patch points)
580-090-000	1U patchpanel loaded 8 x duplex LC multimode (16 patch points)
580-092-000	1U patchpanel loaded 12 x duplex LC multimode (24 patch points)
580-094-000	1U patchpanel loaded 24 x duplex LC multimode (48 patch points)
580-096-000	1U patchpanel loaded 8 x duplex LC single mode (16 patch points)
580-098-000	1U patchpanel loaded 12 x duplex LC single mode (24 patch points)
580-100-000	1U patchpanel loaded 24 x duplex LC single mode (48 patch points)



company profile



head space



van damme



cable



manufacturing



connectors



patching



racking



mains



cable accessories



miscellaneous



appendix



index

## 2 Fibre optic patchbays



- ST, SC Duplex and LC Quad pre-loaded multimode fibre breakout boxes
- SC duplex will accept 1 x SC duplex or 2 x SC simplex connectors
- LC Quad will accept 1 x LC quad, 2 x LC duplex or 4 x LC simplex connectors
- 20mm knock outs & pre-drilled fixing holes
- Includes 12 way splice bridge
- Single mode and other size breakout options available – contact the Sales Dept.

Order code	Description
350-000-028	4 x ST breakout box (4 patch points)
350-000-030	8 x ST breakout box (8 patch points)
350-000-032	4 x SC duplex breakout box (8 patch points)
350-000-034	8 x SC duplex breakout box (16 patch points)
350-000-036	2 x LC quad breakout box (8 patch points)
350-000-038	4 x LC quad breakout box (16 patch points)

## 3 Fibre optic adapters



- Inter series and back to back fibre optic adaptors for panel or in line use

Order code	Description
350-000-002	ST-SC duplex adapter
350-000-004	ST multimode adapter
350-000-006	ST single mode adapter
350-000-008	SC simplex multimode adapter
350-000-010	SC duplex multimode adapter
350-000-012	SC simplex single mode adapter
350-000-014	SC duplex single mode adapter
350-000-021	LC quad multimode adapter
350-000-022	LC duplex single mode adapter

## 4 Fibre optic wall plate modules



- A range of snap-in fibre optic modules available as OM3/4 and OS1/2 multimode
- Half and quarter width blanks available – quarter width allows one module to be centrally mounted in a single gang frame
- OM1/OM2 types available to special order – contact the Sales Dept.
- Minimum suitable backbox depth 32mm – see the Cat 5E/6/6A back boxes section
- Compatible with the keystone mounting hardware in the keystone faceplate and mounting section

Order code	Description
580-030-000	SC Simplex OM3/4 & OS1/2 50 x 25mm angled fibre module
580-029-000	ST Simplex OM3/4 & OS1/2 50 x 25mm angled fibre module
580-023-000	LC Duplex OM3/4 & OS1/2 50 x 25mm angled fibre module
580-043-000	Single gang flat frame white for 2 x 50 x 25mm modules
580-045-000	Dual gang flat frame white for 4 x 50 x 25mm modules
580-048-000	Half width blank white
580-047-000	Quarter width blank white