# TE Highband Patch by Exception Addendum, 27/04/2015

This supersedes the relevant sections/ statement in Section 10 Communications May 2014.

RMIT Patch by Exception Frame Layout



Labelling

Labelling of Field Outlet label at socket

|  |
| --- |
| 28.3.xxx-001 |

 Label is black text on white background

Building.Level.xxx.abc where

Building: is the RMIT building number of the communications room where this cable originates

Level is the RMIT level number of the communications room where this cable originates

XXX is the RMIT room number of the communications room where this cable originates

The first field outlet on level 1 of building 28 will be labelled as 28.3.xxx.001, where xxx is the floor communication room number on that level

All field outlets are connected to the communications rooms on the same floor with the exception of the outlets called out in Section 10

Labelling of Field cabling on the Highband frame

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 28.3.xxx-001 | 28.3.xxx-002 | 28.3.xxx-003 | 28.3.xxx-004 | 28.3.xxx-005 | Pairs011 to 015 |

|  |
| --- |
| FIELD OUTLET CABLING |

All field cabling is sequentially numbered continuing across all frame verticals

Field outlet labels colour to be blue as shown above

Labelling of System tie cabling on the switch end

|  |
| --- |
| Rack 01.Sw-01 Port 01System 01 |

Field outlet labels colour to be black on white

**System tails are sequentially numbered across all frame verticals**

Labelling of System cabling on the Highband frame

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| System-001 | System-002 | System-003 | System-004 | System-005 | Pairs96 to 100 |

|  |
| --- |
| SYSTEM TIES FROM RACK 01, SWITCH 01, PORT 1 to 5 |

Field outlet labels colour to be purple as above

Patch Schedule

Cross Connect schedule will be prepared by RMIT ITS.

Sequential order

* ITS receives accurate rough as built showing the outlet numbers and location on the floor plan.
* ITS will then prepare the cross connect schedule to provide diversity of outlets across the switches.
* Communication Contractor to X connect as per RMIT supplied Patch schedule
* Communication Contractor to test as outlined below from System tail to outlet including X connect

Testing

In additional or as part of all other testing of the solution for compliance, certification and TE 25 year warranty RMIT requires the following:

Final testing of the complete cable solution from the RJ45 on the System tail at the switch port end via the x connect to the outlet in the field is required for all system tails that have been x connected to the RMIT provided schedule.

End to test of all cable pairs to include all components of the solution:

* Main Tester- RJ45 at Switch end of System tail – Highband – Xconnect- Highband -Horizontal cable (Cat6A)-RJ-45 – Remote tester

Frame Records

Frame Records to be onsite record book completed in pencil containing details

* as per all labelling of system tails number switch number and port
* Cross connect completed at both ends of record
* Field outlet recorded as labelled in field and on frame
* All records to be assigned to vertical and pair of termination.

Electronic copy using the RMIT Spread sheet Patch by Exception Record Template