

# CAT6A Cross reference table (Cable to Item Compatibility)

Network Cable 100m, 305m, 500m

| CABLE              | Shielding<br>Colour<br>Jacket<br>AWG<br>305m reel<br>500m reel | SOLID TWISTED PAIR        |        |          |        |        | STRANDED TWISTED PAIR |        |        |        |        |        |          |
|--------------------|----------------------------------------------------------------|---------------------------|--------|----------|--------|--------|-----------------------|--------|--------|--------|--------|--------|----------|
|                    |                                                                | UNSHIELDED                |        | SHIELDED |        |        | UNSHIELDED            |        |        |        |        |        | SHIELDED |
|                    |                                                                | U/UTP                     | U/UTP  | F/UTP    | F/UTP  | F/UTP  | U/UTP                 | U/UTP  | U/UTP  | U/UTP  | U/UTP  | U/UTP  | S/FTP    |
|                    |                                                                | Grey                      | Purple | Grey     | Purple | Grey   | Grey                  | Red    | Blue   | Green  | Yellow | Black  | Grey     |
|                    |                                                                | PVC                       | LSZH   | PVC      | LSZH   | PVC    | PVC                   | PVC    | PVC    | PVC    | PVC    | PVC    | PVC      |
|                    |                                                                | 23                        | 23     | 24       | 24     | 23     | 24                    | 24     | 24     | 24     | 24     | 24     | 26       |
|                    |                                                                | XS6103                    | XS6113 | FS6103   | FS6113 | XS6120 | EP400B                | EP455B | EP456B | EP457B | EP458B | EP459B | FP700B   |
|                    | Boot size to use with cable                                    | 8mm                       | 8mm    | 8mm      | 8mm    | 8mm    | 8mm                   |        |        |        |        |        | 6.5mm    |
| KEYSTONE           |                                                                | TYPE                      | ITEM   |          |        |        |                       |        |        |        |        |        |          |
|                    |                                                                | Unshielded toolfree       | TD6016 | ✓        | ✓      | ✗      | ✗                     | ✗      |        | ✓      |        |        | ✗        |
|                    |                                                                | Unshielded toolfree       | TD6017 | ✓        | ✓      | ✗      | ✗                     | ✗      |        | ✓      |        |        | ✗        |
|                    |                                                                | Shielded punch down       | TD6023 | ✗        | ✗      | ✓      | ✓                     | ✓      |        | ✗      |        |        | ✓        |
|                    |                                                                | Shielded punch            | TD6511 | ✗        | ✗      | ✓      | ✓                     | ✓      |        | ✗      |        |        | ✓        |
|                    |                                                                | Shielded toolfree         | TD6510 | ✗        | ✗      | ✓      | ✓                     | ✓      |        | ✗      |        |        | ✓        |
|                    |                                                                | Shielded toolfree shutter | TD6525 | ✗        | ✗      | ✓      | ✓                     | ✓      |        | ✗      |        |        | ✓        |
| CONNECTOR RJ45     |                                                                | TYPE                      | ITEM   |          |        |        |                       |        |        |        |        |        |          |
|                    |                                                                | Shielded                  | FA2000 | ✗        | ✗      | ✓      | ✓                     | ✗      |        | ✗      |        |        | ✓        |
|                    |                                                                | Shielded                  | FA2001 | ✗        | ✗      | ✓      | ✓                     | ✓      |        | ✗      |        |        | ✗        |
|                    |                                                                | Shielded                  | TD168F | ✗        | ✗      | ✓      | ✓                     | ✓      |        | ✗      |        |        | ✓        |
|                    |                                                                | Shielded pass-through     | TD168P | ✗        | ✗      | ✓      | ✓                     | ✗      |        | ✗      |        |        | ✓        |
| SURFACE / WALL BOX |                                                                | TYPE                      | ITEM   |          |        |        |                       |        |        |        |        |        |          |
|                    |                                                                | Shielded                  | FA7005 | ✗        | ✗      | ✓      | ✓                     | ✓      |        | ✗      |        |        | ✓        |
|                    |                                                                | Shielded                  | FA7004 | ✗        | ✗      | ✓      | ✓                     | ✓      |        | ✗      |        |        | ✓        |
|                    |                                                                | Shielded                  | FA7001 | ✗        | ✗      | ✓      | ✓                     | ✓      |        | ✗      |        |        | ✓        |
| JUNCTION BOX       |                                                                | TYPE                      | ITEM   |          |        |        |                       |        |        |        |        |        |          |
|                    |                                                                | Shielded                  | SD6520 | ✗        | ✗      | ✓      | ✓                     | ✓      |        | ✗      |        |        | ✓        |
| PATCH PANEL        |                                                                | TYPE                      | ITEM   |          |        |        |                       |        |        |        |        |        |          |
|                    |                                                                | Shielded                  | PP1020 | ✗        | ✗      | ✓      | ✓                     | ✓      |        | ✗      |        |        | ✓        |

✓ = COMPATIBLE

✗ = NOT COMPATIBLE