

Cable Colour Standards

- Valid as of 16 June 2021

(supersedes all previous releases)

General Description	Min Spec	Cable Colour	Boot/ collar colour/s	Wiring Config	Media type	Construction	-
Earthing Wires							
Protective Earth (PE)	2.5/4/6mm	Green Yellow	brass screw	2.5 / 4 / 6mm	Copper	Multistrand	Screw
FO Patch Leads							
ALL low loss to meet ISO/IEC 11801 10G channel losses and ISO/IEC 14763.3							
Multimode Fibre Optic Patch Lead (MMF OM4)	50/125µ	Aqua	blue	Multimode	Fibre optic	fig.8 Twin flex(LC)	Low loss: LC
(Brownfields) Single Mode Fibre Optic Patch Lead (SMF OS2)	9/125µ	Yellow	blue	Single Mode	Fibre optic	fig.8 Twin flex(LC)	Low loss: LC
(Fibre Ring) Single Mode Fibre Optic Patch Lead (SMF OS2)	9/125µ	Yellow (Link to CHW&C Node) Black (Link to AAIU Node)	blue: pull MTP	Single Mode	Fibre optic	Round mini (Push/Pull, MTP elite+)	Low loss: MTP elite TIA-568 pair flip method C
TCH Patch Leads / Fly Leads - LAN Communications Rooms							
SYSTIMAX GigaSPEED XL® U/UTP MiNo Patch lead (see part # in SI-02 Communications Cabling Infrastructure) *Excludes Nursecall							
DDTS supported standard data network. - (PC, Phone, MFD, Patient info)	Cat 6A Mino	(Lt) Blue	clear	Ethernet-T568A	Copper	4 pairs	RJ45
Critical hospital infrastructure (Life Critical & Nurse call, TRN, Defibrillator)	Cat 6A Mino	Red	clear	Ethernet-T568A	Copper	4 pairs	RJ45
Clinical Engineering (Philips, GE, ACTGAL, Medical Imaging, etc.)	Cat 6A Mino	Purple/Lilac	clear	Ethernet-T568A	Copper	4 pairs	RJ45
Devices - (Clock, Room booking board, Wayfinding Kiosk)	Cat 6A Mino	Grey	clear	Ethernet-T568A	Copper	4 pairs	RJ45
BMCS & Security System Cables(CCTV, c-Cure, Jacques, DURA suite, EMS)	Cat 6A Mino	Yellow	clear	Ethernet-T568A	Copper	4 pairs	RJ45
Partner Organisations (ANU, Starlight, PES, IPTV, Digital signage, Third party, Audio-Video)	Cat 6A Mino	Green	clear	Ethernet-T568A	Copper	4 pairs	RJ45
Monitoring network (Wireless Access Points, UPS, PDU)	Cat 6A Mino	Black	clear	Ethernet-T568A	Copper	4 pairs	RJ45

Comms Room colours

Cabling Etiquette

Always patch Left and Right of Patch Panel centre point for both copper and fibre patch leads

If a Patch Panel port, needs a port on opposite side of switch - Use central 2RU horizontal guides to change side first.

Use the correct cable for the job {Colour and Length} - Avoid using too short or too long a cable.

e.g. cable should not be strained or deploy excess loops stuffed in vertical management.

When repatching use similar routing to surrounding ports - Don't take shortcuts. Keep system cables & fibres to the rear, behind general patching.

LABEL SYSTEM CABLES AT BOTH ENDS. Remove all cables no longer in use. If repatching required, remove cable and reroute using appropriate length

CONSIDER OTHERS - PLEASE KEEP CABLE ROOMS NEAT, TIDY AND FLOOR AREA FREE OF BOXES AND RUBBISH.