

The PATCHBAY B5 (Halogen Free)

The PATCHBAY B5 is one of our cables that was specially designed for a big pop recording studio complex in South Africa.

It now is available to all of our customers.

The attractively priced PATCHBAY B5 typically has been designed as a studio patch-bay cable fitting the standard mini patch-bay connectors from e.g. Neutrik.

The PATCHBAY B5 however is also perfectly suited for high quality internal (balanced) signal wiring inside (pre)amplifiers and mixing consoles and as a general purpose audio and car hi-fi interlink.



The design combination of a superior transmission quality, a very low conductor-conductor capacitance, a very high screening factor together with a high mechanical flexibility and a long durability, though not being easy to manage, successfully has been achieved. The balanced construction, like our FLEXICON B4 cable, is made with two centre conductors each having 12 x 0.15 mm. strands. (AWG 24 each, respectively in red and black foamed polypropylene insulation).

The conductor material is large crystal OFC with a dense silver coating.

The resistance of the centre conductors each is 8.5 Ohm/100 meter.

The core-core capacitance is 44 pF/m.

The double screening is made of a 24 x 6 x 0.12 mm. stranded braid with underneath a Linear Structured Carbon[®] saturated layer to further close the cable against HF signals and to dramatically improve the signal quality.

The total resistance of the screening is 1.7 Ohm/100 meter.

The external 5.0 mm. diameter jacket is made of HULLIFLEX[®], a material with superior properties compared to e.g. PVC; HULLIFLEX[®] gives The PATCHBAY B5 a very long life span without any ageing effects.

The jacket colour is red.

The PATCHBAY B5 is available:

1. On 200 m. reels.
Shipping: 1 x 200 m. reel packed in a 255 x 255 x 205 mm. box with a total shipping weight of 6.89 kg. The two ends of the reeled cable are closed with caps to prevent chemically polluted air from entering.
2. Stereo pair box packed with RCA (unbalanced) connectors in 0.6, 0.8, 1.0, 1.2 and 1.5 m. lengths.
3. In six lead packed sets for AV applications with RCA (unbalanced) connectors in 0.6, 0.8, 1.0, 1.2 and 1.5 m. lengths.

Related Articles & Papers:

»[PATCHBAY B5 - Hifi Choice issue 188.pdf](#)

Cable Type:	Screened twin core (Balanced)
Conductor Material:	Large Crystal OFC with a dense Silver coating
Design Purpose/ Application Area(s):	Patchbay interconnect / Internal (pre)amplifier and mixing console wiring; Car hi-fi and general purpose interlink.
Eff. Conductor Ø/Eq. AWG No./Strands:	Cores: 0.212 mm ² / Cores: ~AWG 24 / Cores: 12; Screen: 144
External Diameter / -Dimensions:	5.0 mm.
Resistance 20 °C / 68 °F:	Cores: 8.5 Ohm/100 m.; Screen: 1.7 Ohm/100 m.
Capacitance:	Core-core: 44 pF/m.
Insulation / Dielectric Strength / Test Voltage:	Cores: Polypropylene foam; Jacket: HULLIFLEX [®] / 300 Vrms min.
Connector Types Suitable:	Neutrik 4.4 mm., 3-pole Bantam (TT) patchbay plug; Neutrik XLR; Neutrik 1/4" (6.3 mm.) Jack/Phone plug; Our RCA type C - 5.5; Custom mountable on ordered lengths.
Standard Sales Units / -Lengths:	200 m. reels; Stereo pair packed with RCA (unbalanced) connectors in 0.6, 0.8, 1.0, 1.2 and 1.5 m. lengths; Six lead packed sets for AV applications with RCA (unbalanced) connectors in 0.6, 0.8, 1.0, 1.2 and 1.5 m. lengths; Other lengths: please consult your van den Hul dealer or the van den Hul distributor in your country.
Jacket Colours Available:	Red
Remarks:	RCA connector terminated units are equipped with a ground-end marking sticker. Our The BAY C5 HYBRID is a coaxial (unbalanced) HYBRID version of this cable.

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