## CANFORD microMUSA 12G 4K UHD U-LINKS



48-4520 CANFORD microMUSA 12G UHD U-LINK, Black 48-4521 CANFORD microMUSA 12G UHD U-LINK, Brown 48-4522 CANFORD microMUSA 12G UHD U-LINK, Red 48-4523 CANFORD microMUSA 12G UHD U-LINK, Orange 48-4524 CANFORD microMUSA 12G UHD U-LINK, Yellow 48-4525 CANFORD microMUSA 12G UHD U-LINK, Green 48-4526 CANFORD microMUSA 12G UHD U-LINK, Blue 48-4527 CANFORD microMUSA 12G UHD U-LINK, Violet 48-4528 CANFORD microMUSA 12G UHD U-LINK, Grey 48-4529 CANFORD microMUSA 12G UHD U-LINK, White

Developed for use with Canford microMUSA video patch panels. Performance exceeds the requirements of SMPTE ST 2082-1 making them suitable for composite and component video, analogue video, 270 Mb/s SDI, uncompressed 1080i or 1080p HD-SDI video and 4K UHD (2160P60) video up to 12GHz.

The microMusa format offers the highest possible density in a single 1U panel with a maximum of 48 patches possible. A feature of Canford microMUSA video patch panels is a unique positive location feature ("detent") that indicates when the U-link is fully mated into the panel whilst additionally providing resistance to disconnection through vibration as found in some environments such as OB vehicles. Designed and made to the same very high standards as our 3G MUSA connectors microMusa U links are not compatible with existing Canford 3G MUSA range due its much smaller form format.

Like the original 3G MUSA system, the microMUSA is a non-normalised system and therefore U-links or patchcords are required to make the circuit.

The U-link is constructed using a "U shaped" single piece centre contact ensuring low insertion and reflection losses and long term reliability. The U-link body is a robust zinc diecast shell with finger grips, whilst the nickel-plated legs and gold plated centre contacts allow for a smooth mating action.

U-links have factory fitted, non-removable coloured plastic inserts allowing easy identification.

## **SPECIFICATIONS**

Electrical

Impedance75 OhmFrequency RangeUp to 18GHzDielectric Withstand Voltage1000 VeffInsulation Resistance10000 M-Ohm

Mechanical

RoHS3 Compliant Yes

Mating Cycles 5000

Weight 21.63g

Mating Force 10N max

Un-Coupling Force 25N max



## CANFORD microMUSA 12G 4K UHD U-LINKS

**Environmental** 

Operating Temperature -30 to +70 Deg C

IP Rating (Mated) IP30

Materials

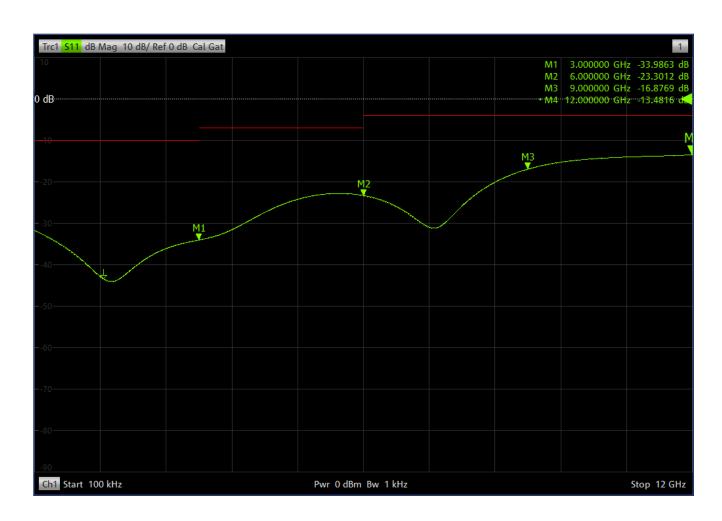
Centre Contact Beryllium Copper Outer Contact Phosphor Bronze

Insulator PTFE
Centre Contact Plating Gold
Outer Contact Plating Nickel
Pack Size 1

Performance

Return Loss 3Ghz -33.98 dB

6Ghz -23.30 dB 9Ghz -16.87 dB 12Ghz -13.48 dB





## Dimensions

