

## CANFORD microMUSA 12G 4K UHD Patchcord cable, black



Canford microMUSA patchcords are intended for 12G 4K ultra high definition (2160P60), 3G and 1.5G high definition, standard definition and analogue video applications. The performance exceeds the requirements of SMPTE ST 2082-1 making them suitable for composite and component video, 270 Mb/s SDI, uncompressed 1080i or 1080p HD-SDI video and 4K UHD (2160P60) video up to 12GHz. Canford 12G 4K UHD video coaxial cable is designed to be both very flexible and withstand repeated bending making it suitable for patchcord applications.

**Note:** This cable is not for sale separately and is only available as a microMusa patchcord terminated with the new microMUSA connector for Canford by Coax Connectors. The connectors not only perform beyond the required 4K standard but also offer the highest possible density with a maximum of 48 patches possible in a single 1U panel.

microMUSA patchcords available as standard in 300mm, 450mm, 600mm, 900mm, 1200mm, 1500mm, 1800mm, 2m, and 5m lengths with colour coded strain relief bushes, (see next page for full listing). Other lengths may be available on specific request.

### CANFORD microMUSA 12G 4K UHD cable specification:

Cable Size Group	Not in Canford scheme.		
Inner conductor:	7/0.2mm	(0.6mm O.D.	24AWG)
Dielectric :	2.6mm O.D.		
Screen 1:	0.10mm/8/16	(95% or more)	Braid
Screen 2:	0.10mm/9/16	(94% or more)	Braid
Construction:	Coaxial cable		
Jacket material:	PVC		
Overall diameter:	4.2mm		
Impedance:	75 ohms		
Capacitance:	53 pF/m		
Inner conductor resistance:	8.5 Ω/100m		
Screen resistance:	1.0 Ω/100m		
Weight:	0.032kg/m		

Attenuation:	MHz	dB/100m	MHz	dB/100m
	10	4.00	270	21.70
	30	7.00	750	37.40
	72	10.90	1300	50.50
	88	12.10	1500	54.70
	135	15.10	3000	81.00
	180	17.50	6000	121.90

### CANFORD microMUSA 12G 4K UHD transmission distance capability:

SMPTE	259M (4:3)	259M(16.9)	292M(1080i)	424M(1080p)	2082-1(2160p60)
	SD-SDI	HD-SDI	1.5G HD-SDI	3G HD-SDI	4K UHD
Bit Rate	270Mb/s	360Mb/s	1.5Gb/s	3Gb/s	12Gb/s
Max distance	198m	171m	53m	54m	32m

**CANFORD**



[www.canford.co.uk](http://www.canford.co.uk)

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**CANFORD microMUSA 12G 4K UHD cable is used in the following microMUSA patchcords:**

- 45-5900 CANFORD microMUSA 12G UHD PATCHCORD 300mm Black
- 45-5901 CANFORD microMUSA 12G UHD PATCHCORD 300mm Brown
- 45-5902 CANFORD microMUSA 12G UHD PATCHCORD 300mm Red
- 45-5903 CANFORD microMUSA 12G UHD PATCHCORD 300mm Orange
- 45-5904 CANFORD microMUSA 12G UHD PATCHCORD 300mm Yellow
- 45-5905 CANFORD microMUSA 12G UHD PATCHCORD 300mm Green
- 45-5906 CANFORD microMUSA 12G UHD PATCHCORD 300mm Blue
- 45-5907 CANFORD microMUSA 12G UHD PATCHCORD 300mm Violet
- 45-5908 CANFORD microMUSA 12G UHD PATCHCORD 300mm Grey
- 45-5909 CANFORD microMUSA 12G UHD PATCHCORD 300mm White
  
- 45-5910 CANFORD microMUSA 12G UHD PATCHCORD 450mm Black
- 45-5911 CANFORD microMUSA 12G UHD PATCHCORD 450mm Brown
- 45-5912 CANFORD microMUSA 12G UHD PATCHCORD 450mm Red
- 45-5913 CANFORD microMUSA 12G UHD PATCHCORD 450mm Orange
- 45-5914 CANFORD microMUSA 12G UHD PATCHCORD 450mm Yellow
- 45-5915 CANFORD microMUSA 12G UHD PATCHCORD 450mm Green
- 45-5916 CANFORD microMUSA 12G UHD PATCHCORD 450mm Blue
- 45-5917 CANFORD microMUSA 12G UHD PATCHCORD 450mm Violet
- 45-5918 CANFORD microMUSA 12G UHD PATCHCORD 450mm Grey
- 45-5919 CANFORD microMUSA 12G UHD PATCHCORD 450mm White
  
- 45-5920 CANFORD microMUSA 12G UHD PATCHCORD 600mm Black
- 45-5921 CANFORD microMUSA 12G UHD PATCHCORD 600mm Brown
- 45-5922 CANFORD microMUSA 12G UHD PATCHCORD 600mm Red
- 45-5923 CANFORD microMUSA 12G UHD PATCHCORD 600mm Orange
- 45-5924 CANFORD microMUSA 12G UHD PATCHCORD 600mm Yellow
- 45-5925 CANFORD microMUSA 12G UHD PATCHCORD 600mm Green
- 45-5926 CANFORD microMUSA 12G UHD PATCHCORD 600mm Blue
- 45-5927 CANFORD microMUSA 12G UHD PATCHCORD 600mm Violet
- 45-5928 CANFORD microMUSA 12G UHD PATCHCORD 600mm Grey
- 45-5929 CANFORD microMUSA 12G UHD PATCHCORD 600mm White
  
- 45-5930 CANFORD microMUSA 12G UHD PATCHCORD 900mm Black
- 45-5931 CANFORD microMUSA 12G UHD PATCHCORD 900mm Brown
- 45-5932 CANFORD microMUSA 12G UHD PATCHCORD 900mm Red
- 45-5933 CANFORD microMUSA 12G UHD PATCHCORD 900mm Orange
- 45-5934 CANFORD microMUSA 12G UHD PATCHCORD 900mm Yellow
- 45-5935 CANFORD microMUSA 12G UHD PATCHCORD 900mm Green
- 45-5936 CANFORD microMUSA 12G UHD PATCHCORD 900mm Blue
- 45-5937 CANFORD microMUSA 12G UHD PATCHCORD 900mm Violet
- 45-5938 CANFORD microMUSA 12G UHD PATCHCORD 900mm Grey
- 45-5939 CANFORD microMUSA 12G UHD PATCHCORD 900mm White
  
- 45-5940 CANFORD microMUSA 12G UHD PATCHCORD 1200mm Black
- 45-5941 CANFORD microMUSA 12G UHD PATCHCORD 1200mm Brown
- 45-5942 CANFORD microMUSA 12G UHD PATCHCORD 1200mm Red
- 45-5943 CANFORD microMUSA 12G UHD PATCHCORD 1200mm Orange
- 45-5944 CANFORD microMUSA 12G UHD PATCHCORD 1200mm Yellow
- 45-5945 CANFORD microMUSA 12G UHD PATCHCORD 1200mm Green
- 45-5946 CANFORD microMUSA 12G UHD PATCHCORD 1200mm Blue
- 45-5947 CANFORD microMUSA 12G UHD PATCHCORD 1200mm Violet
- 45-5948 CANFORD microMUSA 12G UHD PATCHCORD 1200mm Grey
- 45-5949 CANFORD microMUSA 12G UHD PATCHCORD 1200mm White
  
- 45-5950 CANFORD microMUSA 12G UHD PATCHCORD 1500mm Black
- 45-5960 CANFORD microMUSA 12G UHD PATCHCORD 1800mm Black
- 45-5970 CANFORD microMUSA 12G UHD PATCHCORD 2m Black
- 45-5980 CANFORD microMUSA 12G UHD PATCHCORD 5m Black