CANFORD

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Technical Data Sheet

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 patchord 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 resistance:**	8.5 Ω/100m				
Inner conductor:	7/0.2mm (0.6mm O.D. 24AWG)	**Screen resistance:**	1.0 Ω/100m				
Dielectric:	2.6mm O.D.	**Weight:**	0.032kg/m				
Screen 1:	0.10mm/8/16 (95% or more) Braid	**Attenuation:**	MHz	dB/100m	MHz	dB/100m	
Screen 2:	0.10mm/9/16 (94% or more) Braid		10	4.00	270	21.70	
Construction:	Coaxial cable		30	7.00	750	37.40	
Jacket material:	PVC		72	10.90	1300	50.50	
Overall diameter:	4.2mm		88	12.10	1500	54.70	
Impedance:	75 ohms		135	15.10	3000	81.00	
Capacitance:	53 pF/m		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 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