



## SQ AND SQB - STARQUAD MICROPHONE CABLE

Designed for the transmission of sound through noisy areas the balanced quad cable is used as a twisted pair with capacitance unbalance characteristics designed to cancel out the worst kind of interference – external noise. To achieve this four insulated conductors are twisted together with a very short lay length, the insulation thickness on each conductor being closely controlled to match capacitance as closely as possible. Screen is helically wound overall. The product is a flexible high quality cable for use in electrically hostile environments. Core and screen construction conforms to the relevant part of BBC PSF4/1M specification in all cables, as detailed in the Technical Specification below.

### SQ

This cable is offered with a variety of jacket colours and diameters. The jacket material is a semi-matt extra-flexible soft PVC, and overall diameter is 4.7mm or 6.5mm. Apart from the jacket material, SQ4.7 conforms to BBC PS4/1M specification.

### SQB

This has a standard grade PVC jacket and conforms exactly to BBC PSF4/1M specification.

### Technical Specification:

BBC Specification:	SQB conforms to PSF4/1M SQ cores and screen conform to PSF4/1M
Conductors:	14/0.122mm (0.158mm <sup>2</sup> ) tinned copper wire
Insulation:	PVC, O.D. 1.10mm, red, green, blue, white
Lay up:	Four wires twisted together with lay length 13.0mm
Screen:	48/0.15mm tinned copper wire, helically wound
Overall jacket:	SQ4.7: 4.7mm OD soft PVC, semi-matt grey SQ6.5: 6.5mm OD soft PVC, semi-matt; black, red, blue, green, grey SQB: 4.7mm OD PVC, black
Capacitance unbalance:	80pF/m
Weight:	4.7mm OD – 2.8kg/100m 6.5mm OD – 5.6kg/100m
Reel lengths:	100m and 500m
Cut lengths:	Available in any multiple of 1 metre
USAGE NOTE:	Red + Blue for A leg Green + White for B leg

30-418	CANFORD SQ4.7 CABLE 1 quad, Grey
30-430	CANFORD SQ6.5 CABLE 1 quad, Black
30-432	CANFORD SQ6.5 CABLE 1 quad, Red
30-436	CANFORD SQ6.5 CABLE 1 quad, Blue
30-435	CANFORD SQ6.5 CABLE 1 quad, Green
30-438	CANFORD SQ6.5 CABLE 1 quad, Grey
30-460	CANFORD SQB CABLE 1 quad, Black (BBC PSF4/1C)

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